

Book No. 16

H. A. ALLARD

Field COLLECTION NUMBERS

20360-21707

3000 7th. N. Arlington

Allard, H. A.      Virginia and      1952-1953.  
Book 16.      Maryland

Field Notes nos. 20360 - 21707.  
(Journal notes in back pocket.)

(These Nos. were duplicated in moss collections  
in Peru. See two field books in moss lab.  
Sept. 1967.)

50174

Manufactured by  
U. S. Government Printing Office

*Panicum* Buzzard Mt., Va  
Culpeper Co.  
6/8/52  
H.A. Allard  
20360 on rocky  
ledges in  
thin soil

20361 *Tephrosia*  
In dry, thin soil  
on top, near # 20360  
diabase ditto

20362 Roadside - manzanita  
sand stones, shales  
near stone house,  
route 211 ditto  
*Rosa carolina* L.  
f. *glandulosa*

20363 Near # 20362  
*Thalictrum* (Crispin) *fl.*  
In low woods. Near # foot Buzzard Mt  
diabase ditto

20364 ~~*Thalictrum*~~ *Oenothera*  
with # 20363 ditto  
foot Buzzard Mt -  
thin woods, diabase

20365 *Quercus stellata*.  
with # 20363 ditto  
diabase

20366 *Thalasspi*  
By Railroad near  
Mitchell - diabase ditto

20367 *Lepidium*  
Near # 20366 ditto

20368 *Silene*.  
By railroad near  
Mitchell, Culpeper Co., Va 6/8/52 }  
diabase H.A.A. }

20369 *Achillea millefolium*  
Roadside near Stone house route 211 ditto  
shales & sandstones. Common  
Fauquier Co.

20370 *Carex*.  
with # 20369 - roadside ditto

20371 *Senecio smaller*  
with # 20369 ditto

20372 *Verbascum blattaria*  
fl. white  
with # 20369 ditto

20373 *Pentstemon*; fl. white  
Large patch near # 20369 ditto  
in low pasture meadow  
2 mi. beyond Stone house, route 211

20374 *Pinus echinata*?  
Rocky soil near top Buzzard Mt ditto

20375 *Clematis*  
Thin woods slope  
Buzzard Mt. Va ditto  
diabase.

20376 *Hamamelis virginiana*  
Rocky woods near top Buzzard Mt. ditto  
Culpeper Co.  
diabase.

*Pentstemon*; fl. white 6/8/52  
in old pasture, damp soil foot H.A.A. }

20377 *Buzzard Mt.*  
Culpeper Co., Va  
diabase

20378 *Prunus*  
Slope Buzzard Mt ditto  
rocky soil - diabase -  
first peak.

20379 *Polypodium vulgare* L. Va.  
in crevices of ledge Virginiaanna ditto  
on Buzzard Mt near top of diabase

20380 *Carex*  
Near # 20379 ditto

20381 *Houstonia*  
Top near # 20379, in  
woods; diabase ditto

20382 *Fragaria*  
Near # 20379 ditto  
diabase.  
at top Buzzard Mt -  
first peak

20383 *Fragaria*  
Near # 20382 ditto  
Both very large trees

Finaspinus  
Tof Buzzard Knob  
Culpeper Co.,  
diabase  
large tree  
6/8/52  
H.A.

20384  
20385 Chimaphila maculata  
Tof Buzzard Mt.,  
low woods -  
frequent diabase ditto

20386 Vitis  
Tof Buzzard Mt.,  
near # 20384 ditto

20387 Scleria  
Tof Buzzard Mt. in  
rocky woods near # 20384 ditto

20388 Asplenium  
in crevices of ledge  
near # 20384; frequent ditto

20389 Panicum  
in rocky soil in woods  
near # 20384 ditto

20390 Euphorbia  
Foot Buzzard Mt.,  
diabase  
in cut-over woods of  
pasture ditto

Apocynum  
in opening in woods near foot  
Buzzard Mt.,  
diabase  
6/8/52  
H.A.

20391  
20392 Carex  
with # 20391 -  
open woods, damp soil  
diabase ditto

20393 Cyperus  
foot Buzzard Mt., Va  
wet soil, near # 20392 ditto

20394 Bromus  
Foot Buzzard  
near # 20392  
abundant ditto

20395 Vicia  
foot Buzzard Mt. - open  
waste ground by roadside  
frequent diabase ditto

20396 Eleocharis -  
wet soil foot Buzzard Mt.  
in woods near # 20393  
diabase ditto

20397 Lepidium  
foot Buzzard Mt. in  
waste ground  
diabase ditto

*Panicum*  
in open ground along road  
road, foot Buzzard Mt.  
20398 diabase  
6/8/52  
H.A. Allard

20399 in wet soil  
foot Buzzard near  
# 20398  
diabase

20400 *Galium*  
with # 20399  
diabase

20401 *Lonicera japonica*,  
foot Buzzard Mt.,  
in open waste ground  
Exceedingly common. Very fragrant

20402 *Spicularia perfoliata*  
foot Buzzard in opening in  
woods. diabase

20403 *Lathyrus latifolius*  
Near old sawmill in open  
ground; abundant here.  
diabase - foot Buzzard Mt.

20404 *Quercus prinus*  
Top Buzzard Mt  
diabase  
6/8/52

ditto

ditto

ditto

ditto

ditto

grass  
Top Buzzard Mt.  
in thin, dry, rocky soil  
20405 diabase  
6/8/52  
H.A.9

20406 grass.  
with # 20405

20407 *Parthenocissus*  
Near # 20405  
diabase  
Common.

20408 *Pyrola rotundifolia*  
var. *americana*  
wooded slope  
Buzzard Mt.  
diabase

20409 wooded slope - top  
Buzzard Mt.  
diabase. By railroad  
near # 20405 on bank  
near Mitchell - infrequent

20410 *Viburnum recognitum*  
In Allard's yard  
3000-7th St., north, Arlington 1, Va  
6/12/52. Very floriferous, fragrant

20411 *Ligustrum* - growing at  
Pershing Drive and Darfield St., Arlington  
Lyons Park, Va. 6/13/52.  
In park full flower. (see printing specimens)

ditto

ditto

ditto

ditto

*Liparis liliiflora* -  
Buzgard Mt in woods at  
#20412 foot - 6/8/52  
several plants here.  
diabase 6/8/52  
infrequent here H.A.A.  
and elsewhere in area.

#20413 *Opuntia humifusa*  
on rocks and ledges top of  
Buzgard; diabase  
Local here; infrequent in  
area. ditto

#20414 *Commelina*  
On rocks on top of Buzgard - ditto  
with #20413

#20415 *Brassica*?  
Allard's garden 6/14/52

#20416 *Floating* in dense mats  
in Limestone Branch near  
highway #15 6/15/52  
border cong. H.A.A.  
Loudoun Co.

#20417 *Crataegus*  
On cong. ledges in pasture  
near Limestone Branch 1 mi ditto  
Near #20416

#20418 *Fragaria*  
Long Limestone Branch ditto  
1 mile. Limestone cong.

Brown  
along Limestone Branch near  
#20419 highway 15 6/15/52  
cong. H.A.A.  
Loudoun Co.

#20420 *Medicago* (alfalfa)  
Near #20417. 1 mi. down Limestone Br.  
in old pasture. ditto

#20421 *Hedeoma*?  
Near #20417 - on  
cong. cliffs. ditto

#20422 *Malva*  
On cong. ledges  
along Limestone Br. ditto  
near #20417

#20423 *Dioscorea*  
In pastures on cong. ledges  
1 mi. down Limestone Br. ditto  
from #15 highway

#20424 *Leonurus cardiaca*  
Near #20417 ditto

#20425 *Geranium*  
On cong. ledges near  
#20417. ditto

*Pellaea atropurpurea* (L.) Link  
On cong. ledges in crevices  
20426 1 mi down Limestone Br.  
Rare in area - confined  
to limestone ledges 6/15/52  
H.A.A.

20427 *Fraxinus* - 1-1 1/2 mi.  
down Limestone Br. from  
route 15. In recent soil  
on cong. ditto

20428 *Staphylea trifolia*  
with # 20427  
along stream of Limestone Br. ditto

20429 *Nerandera*  
on cong. ledges near  
Limestone Br. 1-1 1/2 mi down  
stream from #15. Locally abundant  
here. ditto

20430 *Ruellia strepera*  
fl. purple, in shaded  
wooded bottom foot of cong. cliffs  
where abundant; full bloom. ditto

20431 *Ruellia strepera*  
fl. white; several in a  
scattered colony; near # 20430  
Rare. ditto

20432 *Sabip*  
along Limestone Br.  
1 mi down stream from #15.  
cong. ditto

*Ranunculus*  
wet soil along Limestone Br.  
20433 1 mi. down from #15. 6/15/52  
Frequent here. H.A.A.  
cong.

20434 *Carex*  
On cong. soil on  
cong cliffs near # 20433 ditto

20435 *Acalypha*  
on cong. ledges 1 mi. down  
Limestone Br. from #15 ditto

20436 *Ailanthus*  
with # 20417. ditto

20437 *Verbascum blattaria*  
fl. yellow.  
In old field 2 mi. down  
Limestone Br. frequent. ditto

20438 *Carpinus*  
1 mi. down Limestone Br.  
cong. from #15 ditto

20439 *Albizia*  
Near # 20438  
cong. ditto

In pasture - along Limestone Br.,  
1 mi. down from #15  
20440 *Cory.* 6/15/52  
H.A. a

20441 Large tree  
on bank - near # 20440  
*Cory.* ditto

20442 *Fraxinus*  
near # 20440  
*Cory.* ditto

20443 *Carex*  
In wet soil along  
Limestone Br., near #15 ditto

20444 *Solanum ~~nigra~~ dulcamara*  
In damp thicket near  
# 20443 ditto  
*Cory.*

20445 *Sambucus canadensis*  
On limestone ledges 1 mi.  
down Limestone Br. from #15 ditto

20446 *Grass*  
In old pasture 1 mi.  
down Limestone Br. from  
#15 *Cory.* ditto

*Nasturtium officinale*.  
fl. white.  
In wet soil on bank of  
20447 Limestone Br., near #15 6/15/52  
Local. H.A. a  
*Cory.*

20448 Bush form of poison Rhiz.  
near # 20447 - along  
Limestone Br., near #15 ditto  
abundant here.

20449 *Fraxinus*.  
along Limestone Br. on  
" bank - near #15, ditto  
*Cory.*

20450 *Panicum*  
In damp soil, near  
# 20449 *Cory.* ditto

20451 *Bromus*  
near # 20450 ditto  
*Cory.*

20452 *Carex*.  
In wet soil near  
# 20448 ditto  
*Cory.*

20453 *Cyperus*.  
In wet soil near # 20448 ditto

Carex.  
In wet soil near #15 near  
Limestone Br.  
20454 Cong. 6/15/52  
H.A.G.

20455 Silene  
fl. white  
along bank Limestone Br.  
near #15. Cong.

20456 Sisymbrium  
fl. white  
On cong. ledge near  
Limestone Br. and  
near #15 Cong.

20457 Arenaria  
on thin soil on cong. ledges  
near #20456 - common  
here. Cong. ditto

20458 Aquilegia  
on cong. cliffs 1 mi.  
down Limestone Br. from #15  
Cong. ditto

20459 Trifolium  
On cong. ledges 2 mi.  
down Limestone Br. from #15  
Cong. ditto

20460 Polygonum  
In damp soil on bank  
Limestone Br. 1 mi. down from  
#15. Cong. ditto

Verbascum Thapsus

On cong. cliff 1 mi. down  
20461 Limestone Br. from #15  
Cong. ditto  
Common.

20462 Oxalis  
On bank on route 15  
at Limestone Br.  
Common  
Cong. ditto

20463 Pentstemon  
fl. white, along  
Limestone Br. 2 mi. down  
from #15  
Near Goose Creek, roadside  
Cong. ditto

20464 Plantago lanceolata  
Roadside with #20463  
diabase ditto

20465 Melilotus alba  
Roadside with #20463  
Near Goose Creek - diabase ditto

20466 Erigeron annuus  
with #20463  
diabase  
Common everywhere. ditto

20467 Gratiola  
In muddy soil and water  
1 mi. down Limestone Br. from  
route 15 Cong. ditto

*Pentstemon*  
fl. white 1/2 mi. down  
Limestone Br. from route 15  
20468 frequent in area  
Cong. 6/15/52  
H.A.A.

20469 *Lanum purpureum*  
On cong. ledge near  
#20468. frequent in area  
and locally abundant. ditto

20470 *Papaver*  
In pasture on cong. ledges  
fl. orange-red. 1/2 mi. down  
Cong. Limestone Br.  
Occasional. from #15 ditto

20471 *Elymus*  
Near #20470 in old field.  
Cong. ditto

20472 *Urtica fulva*  
Near Limestone Br. 1 mi.  
down from #15  
Cong. ditto

20473 *Dianthus armeria*  
old field near #20470  
Cong. ditto  
Common everywhere  
in fields.

20474 *Polygonum pratense*  
In pasture - common  
near #20470  
Cong. ditto

Grass  
In old field near #20470 6/15/52  
H.A.A.

20475

20476 *Siodia*  
In old field, 2 mi. down  
Limestone Br. from #15  
Common in old fields & pastures ditto

20477 *Juncus*  
In old field near #20476  
Common in area.  
Cong. ditto

20478 *Garex*  
In old field near #20476  
Cong. ditto  
Common in old fields etc

20479 *Quercus alba* (enormous tree)  
In fence row -  
Cong. near #20478 ditto  
Common in area.

20480 *Allium commun*  
In old field with #20477 ditto  
Very common in area.  
Cong.

20481 *Rumex acetosella*  
In old field with #20477. ditto  
Very common throughout.  
Cong.

Carex in old field 2 mi. down  
Limestone Br. from #15 6/15/52  
H.A.A.  
20482 Common in dry features  
etc. Cong.

20483 Carex  
Near # 20482  
In old field,  
Common. Cong.

20484 Carex  
In old field near # 20482 ditto  
Frequent.  
Cong.

20485 Rubus - plant A. primo  
Florissant and reg. cane  
In fence row near # 20482 ditto  
Common in area

20486 Smilax. plant A  
Near # 20482. at foot  
Cong. ledge. ditto

20487 Haulkera  
On Cong. ledge ditto  
near # 20482

20488 Aralyspha  
On Cong. ledge ditto  
near # 20482

Menispermium canadense  
Foot Cong cliffs in shaded  
20489 woody bottom. 2 mi. down  
Limestone Br. from #15 6/15/52  
H.A.A.  
Cong.  
Locals -

20490 Celtis.  
2 mi. down Limestone Br.  
on Cong. ledge near # 20489. ditto  
Frequent.

20491 Fern asplenium ruta-muraria L.  
on Cong. ledges in var. dipnoides ditto  
verices near # 20489 (Fini) Whang  
In frequent

20492 Viola  
In moist bottom (wooded) ditto  
at foot ledges with # 20489

20493 Asplenium  
on ledges (Cong) with # 20489 ditto  
Frequent.

20494 Asplenium  
with # 20489 - in verices ditto  
of Cong. ledge.  
In frequent.

20495 Carex.  
On Cong. shelf near ditto  
# 20489.

*Aquilegia canadensis* 6/15/52  
On cong. ledge 2 mi. down  
Limestone Br. from #15 H.A.A.  
20496 Occasional,  
cong.

20497 *Pellaea atropurpurea* ditto  
On cong. ledge with  
20491, 20493, 20494  
2 mi. down Limestone Br. from #15  
Infrequent.

20498 *Ruellia strepens* ditto  
fl. purple. Large colonies  
in moist bottom foot cong. cliffs  
near #20496. Locally abundant here,  
very showy.

20499 *Asimina triloba* ditto  
Near #20498  
Frequent in moist bottom  
land etc.

20500 *Ruellia strepens* ditto  
fl. white -  
near #20498  
Infrequent cong.

20501 *Oxalis* ditto  
In old field near #20498

20502 *Fragaria* ditto  
Near #20498  
cong.

? *Diodelia*  
In old field 2 mi. down  
Limestone Br. from #15  
cong. 6/15/52  
Common in old fields. H.A.A.

20504 *Crataegus*  
On cong. ledge  
2 mi. down Limestone Br. from #15 ditto  
20505 *Verbascum blattaria* bl. yellow ditto  
Near #20503 - frequent in  
old fields. cong.

20506 *Carya*  
On cong. cliffs  
2 mi. down Limestone Br. from #15 ditto  
cong.

20507 *Nepeta cataria* ditto  
On limestone cong. ledge  
near #20506  
Frequent.

20508 *Tilia*  
In ground of Henry School,  
corner of 7th and Garfield N.,  
Arlington, Va. 6/19/52  
H.A.A.

20509 *Ligustrum*  
In park corner of Pershing  
Drive and Garfield St. N.,  
Arlington, Va. 6/19/52  
(See 20411 also. H.A.A.)

20510 *Cornus*  
On left bank Cub Run 6/22/52  
near #route 211. H.A.A.  
Diabase.  
Frequent.

*Liquidambar styraciflua* 6/22/52  
On Cub Run near #211  
20511 Frequent here and  
along this stream.  
diabase.

20512 *Heuchera*  
1 mi. down Cub Run from 211  
right bank; frequent ditto  
diabase

20513 *Gonolobus decipiens* <sup>3</sup>  
In waste ground thickets bl.  
on Cub Run near #211 <sup>small</sup> red ditto  
diabase. Rare in area.  
Turns ~~contra~~ <sup>contra</sup> ~~decipiens~~

20514 *Allium canadense*  
On flood plain (alluvial soil)  
Reel/ - 2 mi down Cub Run ditto  
frequent.

20515 *Platanus occidentalis*  
on Cub Run at #211  
diabase ditto  
common in flood plain areas  
downstream

20516 *Apocynum*  
In waste ground on Cub Run ditto  
at #211. diabase

20517 *Vitis*  
Near #20515 ditto  
diabase  
Frequent in area.

*Dioscorea quaternata*  
In woods left bank Cub Run 6/22/52  
20518 1 1/2 mi. down stream.  
Frequent in woods in H.A.A.  
area diabase

20519 *Heuchera*  
1 mi. down Cub Run on  
rocks on bank (left) ditto  
diabase.

20520 *Heuchera cornuta*  
On rocks 1 mi down Cub Run ditto  
diabase right bank.  
6/22/52 Frequent.

20521 *Graminaceae*  
1 1/2 mi. down Cub Run ditto  
on bank - near #20520  
diabase

20522 *Clay*  
On bank Cub Run ditto  
near #20520. frequent.  
diabase  
(full flower)

20523 *Hypoxis*  
1 1/2 mi. down Cub Run ditto  
on bank of flood plain  
near #20520; frequent

20524 *Viburnum recognitum* ditto  
Near #20520  
Frequent -  
diabase. (last fl.)

*Pedicularis canadensis* 6/22/52  
On blood plain soil H.A. a }  
20525 1 1/2 mi. down Cut Run  
from #211  
- diabase - and recent.  
Infrequent in area.

20526 *Celtis*  
Near #20525 - ditto  
on bank - diabase + frequent

20527 *Polystichum acrostichoides* (Michx.) Sch. # ditto  
On wooded bank -  
diabase 1 1/2 mi. down Cut Run  
from #211  
Common.

20528 *Nyctrip patula*  
In open woods on bank Cut  
Run near #20527. ditto  
Frequent. diabase

20529 *Ulmus fulva*  
on bank near #20526 - ditto  
frequent diabase

20530 *Scutellaria*  
In rich decid. woods ditto  
1 1/2 mi. down Cut Run  
diabase. Frequent. scattered  
fl. purplish blue.

20531 wet spot in woods *Carex*  
1 1/2 mi. down Cut Run from ditto  
#211 diabase

*Carex* - in dry-deciduous 6/22/52  
woods 1 1/2 mi. down Cut Run. H.A. a }  
20532 diabase from #211.

20533 *Galium*. In dry woods ditto  
near #20532 -  
Frequent  
diabase.

20534 *Pure white fern*  
*Scutellaria*  
In rich decid. woods 1 1/2 mi.  
down Cut Run from #211 ditto  
Infrequent - small colony. diabase

20535 *Viola*. ditto  
In wet spot near  
#20534 - occasional  
diabase.

20536 Umbellifer ditto  
In rich woods  
near #20534  
Frequent - diabase.

20537 *Gramineae* ditto  
In woods, right bank  
Cut Run 1 1/2 mi. down stream  
from #211 diabase.

20538 *Rhus aromatica* ditto  
In rich woods 1 mi. down  
Cut Run - right bank - from #211  
diabase -  
Local.

in rich woods <sup>Liliaceae?</sup>  
1 mi. down Cub Run - right bank 6/22/52  
from #211 - post. fl. H.A.A.  
20539 diabase  
infrequent.

20540 Grass.  
Near #20539  
diabase.

20541 *Botrychium virginicum* (L.) Swartz  
in rich woods near #20539  
Frequent  
diabase.

20542 *Viola*  
in moist woods 1 mi.  
down Cub Run from #211  
Petioles glabrous.  
diabase.

20543 *Erigeron strigosus*  
in woods 1 mi. down Cub Run  
from #211 diabase  
Common throughout area

20544 in waste ground on  
Cub Run at #211.  
(alsike)?  
Common.  
diabase *Trifolium*  
bl. pink

20545 *Eleocharis*  
in wet spot soil near Cub Run  
at #211 diabase

*Juncus* 6/22/52  
with #20545 H.A.A.  
20546 diabase.

20547 *Cichorium intybus*  
bl. blue.  
along Cub Run along #211  
Very common  
bull bl.

20548 *Rubus serotina*  
in waste ground thicket  
along Cub Run, near #211.  
Very abundant, showy, here  
diabase.

20549 *Oxalis europaea* *forma*  
*agrosa* along #211  
Near #20547. at Cub Run.  
Very common. diabase.

20550 *Triticum aestivum*  
common wheat  
along 211 - at Cub Run.  
occasional. int.  
diabase.

20551 *Speularia perfoliata*  
thicket with #20548  
Common.  
bl. blue. diabase.

20552 *Scutellaria*  
Damp soil, waste ground  
with #20548 - Considerable  
colony here; bl. blue.  
diabase

yellow *Trifolium*  
on bank along #211  
at Cut Run.  
20553 Common.  
6/22/52  
H.A.A.

20554 *Scirpus*  
wet soil along Cut Run  
at bridge #211 diabase ditto

20555 *Carex*  
with #20554. large  
clumps in wet soil  
diabase ditto

20556 *Labiatae*.  
In waste ground on Cut Run  
at #211  
diabase.  
Common. ditto

20557 *Plantago aristata*  
Dry soil along Cut Run  
at #211 diabase  
Common (det.) ditto

20558 *Spergularia rubra*  
with #20557.  
Frequent.  
fl. rosy colored ditto

20559 *Rosa*  
In thickets along Cut Run  
near #211  
diabase  
Frequent ditto

*Quercus bicolor*  
on flood plain Cut Run  
near #211.  
20560 Frequent in damp  
low ground recent  
6/22/52  
H.A.A.

20561 *Agrimonia*  
In moist flood plain  
woods on Cut Run near  
#211 Frequent. ditto

20562 *Carpinus*  
1 1/2 mi. down Cut Run  
from #211  
Frequent  
along streams. diabase ditto

20563 *Fern*  
on diabase ledge  
1 mi. down Cut Run from  
#211. Local ditto

20564 *Woodsia obtusa* Tong  
Grass -  
moist soil on banks  
diabase - and recent soil  
1 1/2 mi. down Cut Run from  
#211. Recent. ditto

20565 *Vaccinium* Edge Cut  
Run - on wooded banks 1 1/2 mi.  
down from #211.  
Infrequent.  
diabase. ditto

20566 *Carpinus*  
Near #20562  
along stream  
diabase. ditto

*Juncus*  
Recent soil - on bank of Cut Run  
1 1/2 mi down from #211. 6/22/52  
H.A.A. 20567

20568 *Panicum*  
Recent soil on bank  
near #20567 ditto

20569 *Quercus palustris*  
Bank Cut Run  
1 1/2 mi. down from #211  
Scattered in usually  
moist soil - diabase ditto

20570 *Alnus*  
1 1/2 mi. down Cut Run -  
diabase - moist soil  
Common in such situations  
throughout - ditto

20571 *Salix*  
In flood plain soil -  
near #20570 ditto  
Frequent along stream in  
area.

20572 *Asplenium platyneuron* (L.) Oakes  
On diabase rock 1 mi.  
down Cut Run from #211  
frequent. ditto

20573 *Galium*  
In decid. woods  
bank Cut Run 1 mi. down stream ditto  
from #211 frequent.  
diabase.

*Coreopsis verticillata*  
In woods (rich) - diabase, 6/22/52  
H.A.A. 20574 down Cut Run 1 mi. from  
#211

20575 *Baptisia tinctoria*  
In recent soil 1/2 mi. down  
Cut Run from #211 ditto  
Common etc

20576 *Panicum*  
Near #20575 - recent soil ditto

20577 *Panicum*  
Recent soil - near #20576 ditto

20578 *Panicum*  
Recent soil - near #20576 ditto

20579 *Panicum*  
Recent soil. Near #20576 ditto

20580 *Hypoxis hirsuta*  
Recent soil. Near #20576 ditto

20 *Panicum*  
1 mi. down Cub Run from #211 6/22/52  
Recent, alluvial soil H.A.A.

20 20582 *Carpinus*  
1 1/2 mi. down Cub Run from  
#211, on bank - recent, flood plain  
soil. ditto

2 20583 *Polygonaceae*  
In water and mud in  
almost dry stream bed of Cub  
Run 1/2 mi. down from #211  
Very abundant here; not in fl.  
on recent, alluvial soil ditto

2 20584 *Fraxinus*  
Near #20582 -  
On bank - diabase  
frequent ditto

2 20585 *Cephalanthus occidentalis*  
In wet, recent flood-plain soil  
near #20582 ditto  
Frequent in such situations.  
Not in flower

20586 *Trifolium scitellus*  
Forming dense green, grass-like  
mats on mud of recent, alluvial  
soil 1 mi. down Cub Run from #211 ditto  
Rare. My first find.

20587 *Scutellaria*  
In woods 1 mi. down Cub Run  
from #211 ditto  
diabase. fl. blue  
frequent.

20588 *Rufus*  
Trailing in decid. woods - 6/22/52  
plant A. floridana and H.A.A.  
primocane  
infrequent.  
diabase

20589 *Trailing Rufus*  
near #20588 ditto  
In decid. woods; diabase  
Plant C. primo- and floridana

20590 *Desmodium rotundifolium*  
In dry woods near #20588 ditto  
Frequent.  
Diabase.  
Not in fl.

20591 *Vaccinium*  
In woods 1 mi. down  
Cub Run from #211. ditto  
diabase.

20592 *Ilex*  
1 mi. down - on bank ditto  
(diabase) near #20591

20593 *Gerardia*  
In dry woods near  
#20589. frequent. ditto  
diabase. Not in fl.

20594 *Panicum*  
In woods in same  
1 mi. down Cub Run from  
#211. ditto  
diabase.

*Juncus*  
In wet ravine 1 mi.  
down Cub Run from #211  
recent - alluvial soil.  
6/22/52  
H.A.G.

2 20595  
1  
2 20596 *Clematis*  
In dry rocky woods  
1 mi. down Cub Run from  
#211. frequent  
Past. fl. diabase.  
ditto

2 20597 *Panicum*  
1 mi. down Cub Run from #211  
in damp soil along bank  
recent, alluvial  
frequent.  
ditto

2 20598 *Pedicularis canadensis*  
On blood plain, recent soil  
in woods 1 mi. down Cub Run  
from #211 frequent in similar  
situations  
ditto

2 20599 *Galium*  
In rich woods - diabase -  
1 mi. down stream on Cub Run  
from #211. frequent.  
ditto

20600 *Galium*  
In moist thickets  
on bank Cub Run near #211  
frequent diabase  
Leaves linear 6 in. long.  
ditto

20601 *Justicia americana*  
In mud and water  
in Cub Run near #211.  
Full flower - purple - very showy.  
Common. recent.

*Ceanothus americanus*  
In dry woods near  
20602 Cub Run near #211  
frequent in dry, open  
woods; full flower.  
diabase.  
6/22/52  
H.A.G.

20603 *Scutellaria*  
In moist woods left bank  
Cub Run at #211  
Recent - alluvial  
fl. purple.  
ditto

20604 Grass  
In alluvial soil  
near #20603 -  
ditto

20605 *Bromus*  
In moist soil with  
#20604  
ditto

20606 *Urtica*  
In moist, blood plain  
thicket (recent soil) along Cub Run  
near #211 frequent.  
ditto

20607 Grass  
In alluvial, blood plain  
soil in woods near #20604  
along Cub Run near #211  
ditto

20608 *Dioscorea*  
In moist, alluvial  
soil of woods near #20605  
ditto

Dioscorea

6/22/52

H.A.A.

2 20609 In moist soil of thicket  
along Cut Run, flood-plain  
near # 211.  
Recent.

2 20610 Galium in  
moist woods  
on Cut Run - near # 211  
Recent, flood-plain soil

2 20611 Cyperaceae  
In moist thicket  
along Cut Run at # 211  
Flood plain, recent soil

2 20612 Fragaria  
Bank Cut Run at # 211  
alluvial, recent soil

20613 Agrimonia  
In moist soil of flood-plain  
of Cut Run at # 211  
Frequent

20614 Steironema fl. yellow  
fl. yellow  
In moist soil in thicket  
near # 20611  
Frequent. Recent, alluvial soil  
full fl.

20615 Umbellifer  
In recent, flood plain soil  
with # 20614; frequent

ditto

ditto

ditto

ditto

ditto

ditto

Carpinus

6/22/52

H.A.A.

20616 On bank - Cut Run at # 211  
Recent, alluvial soil.

20617 Sium chinensis  
In moist thicket  
near # 20614  
Recent, alluvial soil  
part fl.

20618 Umbellifer  
On moist, flood plain soil  
near # 20614

20619 Carex  
In moist, flood-plain  
recent soil near # 20614

20620 Grass -  
Poa?  
In moist, flood-plain  
recent soil, in thicket with  
# 20614

20621 Oxalis europaea  
forma cymosa  
In Allard's garden  
Common

20622 4 mi. N. of Baseline 4 mi.  
N. of front South Branch 1 mi.  
Loblolly Swamp Rocks. 7/5/52  
3800 ft.  
near 3600 ft. alt. H.A.A.

ditto

ditto

ditto

ditto

At Lookout over Germany Valley above  
Riverton, W. Va July 3, 1952  
Hemlock

2 20623

2 20624 Composite; heads small,  
yellow; 4 mi. up from 7/4/52  
South Branch in gravelly soil & a  
where Texas pipe line (gas) is put down  
over North Mt. alt 3600-3800 ft.

2 20625 Rudbeckia - Top of Shenandoah  
Mt. beyond Harrisonburg on route to  
Brandywine; roadside. 7/3/52  
serotina (typical) H.A.G.

2 20626 ~~Saxifraga~~ Cyperus -  
4 mi. up near # 20624  
Dry soil of bare pipe line.

ditto

2 20627 Viola.  
on dry gravelly soil of Texas pipe line  
1-1 1/2 miles up from South Branch  
1 mi. below Seneca Rocks. at 3200-3300 ft.

20628 at Germany Valley Lookout  
above Riverton with # 20623 ditto  
Houstonia 7/3/52

20629 Panicum  
4 mi. up pipe line near  
# 20624. Dry, fresh, ditto  
gravelly soil in open. 7/4/54

Legume. At Germany  
Valley Lookout with #  
20630 & 20628 - on rocky slope  
on roadside fill; first fl.

7/3/52  
H.A.G.

20631 Carex  
on dry gravelly soil of Texas  
gas pipe line 2 mi. up from  
South Branch 1 mi. below Seneca Rocks  
at 3600-3800 ft? 7/4/52  
H.A.G.

20632 Juncus alt.  
at about 2000 ft. on pipe  
line for gas - from Texas - up North Mt.  
2 mi. up from South Branch. ditto

20633 Paronychia - dry, gravelly soil  
2-2 1/2 mi. up gas pipe line  
from South Branch 1 mi. below Seneca  
Rocks. ditto

20634 Houstonia tenuifolia  
2 1/2 - 3 mi. up same pipe  
line dry, exposed gravelly soil ditto  
near 3000 ft?

20635 Plantago  
Dry, gravelly soil (exposed)  
1 mi. up from South Branch, and  
1 mi. below Seneca Rocks ditto  
alt.?

20636 Panicum  
near # 20632 ditto

*Cirsium*  
2 mi. up slope from South  
Branch - 1 mi. below Seneca  
20637 Rubus - in dry, gravelly soil  
of gas pipe line over North Mt.  
3000 ft - 3500 ft. alt. 7/4/52  
H.A.A.

20638 *Oxalis*.  
2 3/4 mi. up gas line above -  
from South Branch - in dry, gravelly  
soil. Near 3600-3800 ft. alt. ditto

20639 *Panicum*.  
Near # 20638 ditto

20640 *Panicum*  
Near # 20638 ditto

20641 *Houstonia*  
Near 20629  
Near 3500-3600 ft. alt.  
in dry gravelly soil. ditto

20642 *Paronychia*  
Near # 20638 -  
exposed, bare, gravelly soil  
3600-3800 ft. ditto

20643 *Heuchera*  
Near 20623  
on shaley bank and hill  
of roadside. 7/3/52

*Pycnanthemum*  
white leaves etc.  
- Plant A.

20644 In dry soil. 1-2 mi. up pipe line  
from South Branch - 1 mi. below  
Seneca Rocks.

20645 yellow Composite

20646 Strawberry - fruit very sweet,  
spicy. Plant 1 and primocane  
2 3/4 mi. up gas line over North Mt.  
from South Branch, 1 mi. below Seneca  
Rocks - Very vigorous trailer; fruit large  
dry, gravelly soil exposed. 7/4/52  
H.A.A.  
20647 Infrequent!  
Rubus - Plant erect. Plant 2.  
glorificane and primocane ditto  
Near # 20646

20648 *Tilia*  
4 mi. up slope of pipe (gas) line  
in woods on shale slopes - full  
flower now - frequent - alt 3500 ft. near. ditto

20649 *Phlox*  
under # 20648 on barren  
shaley cliffs. Past fl. ditto

20650 *Lycopodium*.  
In wet soil under bridge  
over Blackwater River at Davis.  
at 3200 ft.

Carex.  
wet soil, with # 20650 7/5/52  
H.A.A. }  
2 20651

2 20652 Juncus  
with # 20650 ditto

2 20653 Stellaria  
under bridge at Davis,  
over Blackwater River -  
muddy bank.  
with # 20650 ditto

2 20654 Carex  
with # 20650 - wet soil ditto

20655 Carex  
with # 20650 - wet soil ditto

20656 Polypodium <sup>va. virginianum (L.) Link</sup> vulgare L.  
on old stump on bank under  
bridge over Blackwater River at  
Davis, W. Va. at 3200 ft. ditto

20657 Galium.  
under bridge with  
# 20650  
wet soil. ditto

Timmy Plant family green mats  
on mud under bridge over  
20658 Blackwater at Davis, Tucker Co.,  
W. Va. at 3200 feet. 7/5/52  
H.A.A. }

20659 Hieracium aurantiacum L.  
on bank at bridge over  
Blackwater River at Davis -  
on Canyon Trail - fl. orange. ditto

20660 Onoclea pseudocorus  
with # 20650 - small  
clump; ant rhizomes pinkish. ditto

20661 Pastinaca sativa  
with # 20659 - at bridge. ditto

20662 Carex  
under bridge over  
Blackwater River - at Davis, W. Va  
on wet soil - at 3200 ft. ditto

20663 Catalpa speciosa  
from tree at Mrs. Rany's  
Davis, W. Va; full flower;  
at 3250 feet. 7/5/52 ditto

20664 Thalictrum ♂ & ♀ plants  
with # 20650 -  
Steleaunum ditto

*Lactuca*

var. *cos* or *Romaine*

20665 Allard's garden, Arb. Va

July 12, 1952. Planted March.  
Full flower July 12. Fl. yellow.

20666 *Floerue fennel* or  
*Finnochia* - July 12, 1952

Allard's garden. Sprung in Feb.  
Transf. to garden April. Fl. yellow,  
corrupt.

20667 *Garden* (red)  
went to seed from seed sown  
in spring - July 12 - Roots white.  
var. =

20668 *Physalis subglabrata*  
In Allard's garden -

July 14, 1952. 3-3 1/2 ft. tall -  
fl. pale yellow with dark eye.

20669 *Fuchsia*  
Allard's garden -  
fl. lilac. July 15, 1952  
H.A.A.

20670 *Centaurea americana* 2

Burpees

He calls it Basket flower. 7/21/52  
fl. lavender, very attractive.  
Allard's garden.

20671 *Spiraea*  
fl. pink.

On grounds of Henry Clay school  
7th & Barfield N. Arb. Va.  
H.A.A.

*Rudbeckia serotina* Nutt

Up. Spring's Branch 2 mi. from

20672 #211. In old pasture.

abundant.  
Red. Manassas shales  
and S. Stones

7/27/52  
H.A.A.

20673 *Lactuca*  
fl. yellow.

Near #20672

ditto

20674 *Solidago caesia*

Near #20672 -  
Common - coming into full  
bloom. Same place.

ditto

20675 *Carya*.

Along stream near #20672  
Same formation

ditto

20676 *Cassia marilandica*

In old pasture with #20672  
Frequent. Same geol. formation

ditto

20677 In old pasture with #20672  
Frequent.

Same geol. formation.

ditto

20678 *Prunella vulgaris*

In old pasture - same geol.  
formation near #20672  
Common.

ditto

*Euphorbia corollata*

In old pasture 2 mi. up Young's  
Branch from #211  
20679 Frequent. Red shales & s. stones.  
7/27/52  
H.A.A.

20680 *Cassia fasciculata*  
In old pasture with #20672.  
Frequent. Same geol. formation

ditto

20681 *Scutellaria*  
with #20672  
Frequent. Same geol. formation  
past fl.

ditto

20682 *Aster*  
rays white  
In thin, dry deciduous  
woods, near #20672.  
Frequent. Same geol. formation

ditto

20683 *Sericocarpus*  
In same woods with #20682.  
Frequent. Same geol. formation

ditto

20684 *Carpinus*  
along Young's Branch 2 mi. up  
from #211. Common along stream.  
Same geol. formation.

ditto

20685 *Galium*  
In moist blood plain soil  
of woods 2 mi. up from #211 along  
Young's Br. Common.  
Recent soil

ditto

*Asplenium platyneuron* 7/27/52  
on wet shale cliffs

20686 near #20684.  
Frequent.  
Same geol. formation.  
20686 a

20687 *Dryopteris marginalis* (is gray)  
on wet shale cliffs  
with #20686  
Common.

ditto

20688 *Echin. vulgare*  
In pasture 1 mi. up Young's Br.  
from #211. Same formation in  
red shales and s.s.  
Common weed.

ditto

20689 *Plantago*  
In pasture with #20688  
Red shales and s.s.  
Common.

ditto

20690 *Solanum carolinense*  
fl. bluish purple.  
Common  
In pasture near #20688

ditto

20691 *Solanum carolinense*  
fl. pure white.  
with #20690.

ditto

20692 *Juncea repens* Beauv.  
In mud in Young's Br.  
near #211.  
Red shales and s.s.

ditto

*Polygonum*  
fl. white.  
In wet soil along Young's Br.  
20693 1/2 mi. up from #211 7/27/52  
Red shales and S.S. H.A.G.  
Frequent.

20694 *Polygonum*  
Not in fl.  
Near #20693 - wet soil.  
Recent - but on red shales  
and S.S.

20695 *Alisma*  
In mud and water of  
Young's Br. near #211 ditto  
Recent - frequent.

20696 In pasture *Lactuca*  
near #22, along Young's Br. ditto  
fl. yellow.  
Red shales and S.S.  
Common

20697 *Ciborium intybus*  
fl. white.  
Near #20696. ditto  
Common.

20698 *Scirpus*  
In wet soil (Recent) of ditto  
Young's Branch, above #211.

" *Carex annectens* Michx.  
20699 *Merithea*  
Large colonies. ditto  
In wet soil (Recent)  
of Young's Br. near #211  
Not in fl.

water plant -  
attached in mud. Large colonies  
in Young's Br. just above 7/27/52  
20700 #211 H.A.G.  
fl. tiny, white -  
floating on water.

20701 *Gnaphalium*  
fl. purple. ditto  
In pasture 1/2 mi. up Young's Br.  
from #211. mostly past fl.  
Red shales and S.S. damp soil.

20702 *Justicia* ditto  
In water of Young's Br.  
near #211  
Mostly past fl. Common.

20703 *Merithea* ditto  
fl. white  
In wet, recent soil of  
Young's Br. near #211  
Large colonies.

20704 *Azalea* ditto  
In moist, recent soil of  
Young's Br. at #211  
frequent.

20705 *Oxalis* ditto  
In moist, recent soil  
near #20704

20706 In dry open ditto  
woods 2 mi. up Young's Br.  
from #211  
Red shales and S.S.

Grass - in large clump  
on recent soil along Broad Run  
near # 211  
20707  
7/27/52  
H.A.A.

20708 *Aporosa*  
along R.R. near  
Haymarket.  
Red shales and S.S.

20709 *Sisyrinchium*  
In dry soil along R.R.  
at Haymarket, Va.  
same formation

20710 *Urticaceae*  
In swampy woods  
at Haymarket R.R. station  
along branch of Broad Run.  
Recent.

20711 *Trifolium*  
along R.R. at Haymarket  
Station near # 20709  
Red shales and S.S.

20712 *Mentha* bl. purple  
In ground soil along  
branch of Broad Run at railroad  
station at Haymarket. (same formation)

20713 *Asclepias*  
In same soil with  
# 20712. abundant.  
Recent

*Lupinus*  
In dry, cindery soil along  
R.R. near Haymarket Station  
20714  
7/27/52  
H.A.A.

20715 *Rumex*  
Roadside near R.R. Sta.  
at Haymarket, Va.  
Red shales and S.S. ditto

20716 *Nepeta cataracta*  
Roadside near # 20715  
same geol. formation ditto

20717 *Salix*  
In flood plain, recent soil  
along branch of Broad Run.  
near # 20716 ditto

20718 *Cephalanthus occidentalis*  
In flood plain, damp soil  
near # 20716. Recent. ditto

20719 In wet soil -  
flood plain - recent.  
near # 20716  
fl. bluish. ditto

20720 *Geranium*  
In dry soil, along R.R.  
at Station, Haymarket.  
fl. purplish or pinkish. ditto

*Sabbatia*

- 20721 In moist soil, recent,  
along branch of Broad Run  
at R.R. Station at Haymarket.  
Recent.  
7/27/52  
H.A.A.

- 20722 *Morus*  
along branch of Broad Run  
near # 20717. ditto

- 20723 *Potamogeton*  
in water, ~~and mud~~ of branch of  
Broad Run at R.R. Station at  
Haymarket, Va. ditto

- 20724 *Potamogeton*  
with # 20723 ditto

- 20725 *Lycopus*  
In moist soil, recent (flood plain)  
of branch of Broad Run  
at Haymarket, Va. ditto

- 20726 *Verbena urticifolia*  
In moist soil with #  
20725 Recent. ditto

- 20727 *Ipomoea pandurata*  
In old field 1 mi. up Young's  
Branch from # 211  
frequent. ditto  
Red shales and s.s.

*Smilax*

- 20728 In dry wooded slope  
red shales and s.s. 1 mi. N.E.  
of Young's Br. from  
# 211. 7/27/52  
H.A.A.

- 20729 *Hypericum*  
Moist flood plain soil  
(recent) on Young's Branch  
near # 211 ditto

- 20730 *Carex*  
In damp soil in pasture  
along Young's Branch  
near # 211. Red shales and s.s. ditto

- 20731 *Scirpus*  
with # 20730 ditto

- 20732 In wet soil of Young's  
Branch near # 211  
Recent. ditto

- 20733 *Hypericum*  
In damp soil near  
# 20732 Recent. ditto

- 20734 *Galathea*  
In old field 2 mi. up  
Young's Branch from # 211  
common. Red shales and s.s. ditto

*Polygonum*  
1 1/2 mi. n. Young's Branch  
from # 211  
20735 Red shales and S.S.  
Frequent  
7/27/52  
H.A.A.

20736 *Rhus copallina*  
with # 20735  
Very common  
Same geol. formation

20737 *Lonicera japonica*  
Roadside at R.R. station  
at Haymarket, Va.  
on red shales and S.S.  
Very common

20738 *Vitis*  
In woods 1 1/2 mi. n. Young's Br.  
from # 211.  
Red shales and S.S.  
Frequent.

20739 *Asclepias syriaca*  
along branch of Broad Run  
near R.R. station at  
Haymarket, Va.  
Very common

20740 *Cornus*  
By railroad at station  
at Haymarket, Va.  
Red shales and S.S.

20741 *Nymphaeaceae*  
No flowers.  
In mud of branch of Broad Run  
near R.R. station at Haymarket, Va.  
Infrequent in the area.

*Umbelliferae*  
In swampy woods near  
20742 # 20741. Recent soil  
Frequent.

20743 *Lobelia cardinalis*  
In wet soil along same  
branch of Broad Run near  
R.R. station at Haymarket.  
Locally frequent.

20744 *Sparganium*  
In mud and water  
near # 20743.  
Recent.

20745 water plant -  
*Podostemaceae*.  
In water of branch of Broad Run  
near # 20741

20746 *Muhlenbergia scandens*  
In low ground thick along  
branch of Broad Run, near  
# 20743, frequent in similar  
situations in area. Recent

20747 *Quercus velutina*  
1 mi. n. Young's Branch from  
# 211. Red shales & S.S.  
Frequent in area.

20748 *Saxifraga*  
In swampy woods  
with # 20742. Recent  
Common.

7/27/52  
H.A.A.

*Micranthemum dubia*

On Va. side of Potomac River  
20749 at Conrad's Ferry off route #15  
beyond Leesburg. In mud and  
wet soil at river's edge. Conglomerate  
Frequent. (Aug. 3, '52)  
H.A. Allard  
Loudoun Co.

20750 *Equisetum arvense* L. ditto  
with #20749

20751 *Mollugo verticillata*  
with #20749 ditto  
common.  
In wet soil.

20752 *Lindernia dubia*  
Near #20749 ditto

20753 *Echinochloa*  
In wet, moist soil at  
big spring on route #15 beyond  
Leesburg. Conglomerate ditto

20754 Grass.  
just above #20749 ditto  
on Potomac on moist bank  
forming mats.

20755 *Lemma minor*  
a single root. Very abundant  
in big spring on route #15 just  
above Leesburg. Floating. ditto

On bank of Potomac, Virginia side  
near Conrad's Ferry off #15, from  
Leesburg, Loudoun Co. Va 8/3/52  
H.A.A.

20756 frequent  
Conglomerate  
*Aporhynum cannabinum*

20757 *Chenopodium ambrosioides*  
var.  
strong turpentine odor; not in fl.  
Near #20756. 8/3/52  
Conglomerate

20758 *Galinsoga ciliata*  
Near #20756 ditto  
Frequent.

20759 *Rorippa*  
fl. yellow. ditto  
on river bank near Conrad's  
Ferry near #20756 frequent.

20760 *Lippia lanceolata*  
fl. whitish to pinkish ditto  
frequent  
In moist soil of bank near  
#20756.

20761 *Celtis*  
1/2 mile above Conrad's Ferry ditto  
on Va side.

20762 *Staphylea trifolia*  
on edge of thicket of field ditto  
just above Conrad's ferry.  
Conglomerate  
frequent.

*Celtis*  
near Conrad's ferry along Va  
side of Potomac River along  
20763 old field. 8/3/52  
conglomerate ledges  
outcropping. H.A.9

20764 *Impatiens biflora*  
*capilla angue* with some  
spitting within  
on bank of Potomac River just  
above Conrad's ferry off #15 ditto

20765 *Echinosystis lobata*  
High climbing over thicket  
near #20764. Occasional  
monocious. ditto

20766 Flower stem of *Eupatorium*  
*fistulosum*. Fl. pale lilac;  
stem hollow, very glaucous.  
Common. with #20765 ditto

20767 *Cryptotalia canadensis*  
In rich woods 1 mi north of  
Conrad's ferry on high ground along Potomac.  
Frequent. Conglomerate. ditto

20768 *Convolvulus sepium*  
fl. white.  
High climbing over thickets  
near #20766. Common. ditto

20769 *Laportea canadensis*.  
In thicket 1 mile above Conrad's  
ferry on Va. side of Potomac River.  
Common; v. dry prickly and  
irritant when touched. ditto

*Scutellaria lateriflora*. 8/3/52  
along Va bank of Potomac River H.A.9  
1 mi above Conrad's ferry.  
20770 off route #15. Conglomerate  
Frequent. fl. blue.

20771 *Asclepias rubra*  
In damp soil in thicket  
on bank near #20770. ditto  
Frequent.

20772 *Euphorbia repens* 2  
In moist soil, bank of Va. side of Potomac above  
Conrad's ferry. Common ditto

20773 *Anaphalis thymoides*  
On bank just above  
Conrad's ferry, Va. side of Potomac.  
Frequent. Conglomerate. ditto

20774 *Humulus japonicus*  
Climbing over thickets near  
#20770. ditto

20775 *Brassicaceae*  
fl. yellow.  
At Conrad's ferry, Va. side Potomac  
off route 15 from Leesburg.  
Conglomerate. ditto

20776 *Ambrosia trifida*.  
1 mi above Conrad's ferry on  
Va side of Potomac; common; just  
in flower. Conglomerate ditto

Urtica

8-3/52  
H.A.A.

20777 1 mi. up Va. side of Potomac river  
in thicket from Conrad's ferry,  
off route #15 from Leesburg, Va.  
Conglomerate  
Common

20778 Mentzelia peruviana canadensis  
with # 20777

20779 Hydrocotyle americana  
Near Conrad's ferry, Va. side  
Pot. river, off route #15 from Leesburg  
Conglomerate.  
Frequent.

20780 Physalis subglabrata bl. with yellowish center  
1/2 mi. up Potomac river from  
Conrad's ferry off route #15 from Leesburg,  
Va. Common. Conglomerate

20781 Apocynum cannabinum  
Near Conrad's ferry on Va. side  
of Potomac river off #15 from Leesburg, Va.  
Conglomerate -  
Common.

20782 Labiatae - Tenoreum canadense  
fl. lilac. var. virgaticum (L.) Lat.  
on bank Potomac river, 1 mi.  
above Conrad river, Va. side, off #15  
from Leesburg. Occasional  
Conglomerate.

20783 Salix (tree)  
near # 20777. Salix nigra  
Frequent.  
Leaves falcate.

ampelamus albidus

20784 High climbing vine everywhere  
around Conrad's ferry, Va. side  
Potomac river, off #15 from  
Leesburg, Va.  
Conglomerate  
abundant here; fl. white

20785 Acer negundo  
above Conrad's ferry, Va. side  
of Potomac river, off route #15 from  
Leesburg. Frequent.

20786 Articaceae  
Near # 20785 - in thicket  
Frequent - along bank Potomac.  
Conglomerate

20787 Broussonetia  
Near # 20785 -  
Frequent.

20788 Ruellia strepera  
Near 20781 in moist soil  
Frequent - Numerous leptogonias  
(whitish) in upper leaf axils.

20789 Perilla frutescens  
with # 20781  
Common.

20790 Eupatorium fistulosum  
Plent 13 - sections top - middle  
and low. fl. pale pinkish lavender  
Frequent -  
Near # 20777. Conglomerate.

*Hibiscus militaris* -  
near Conrad's ferry off  
route 15 from Leesburg, 8/3/52  
20791 on Va side Potomac river, Hag  
Conglomerate; showy,  
flowers pink with dark center  
Frequent

20792 *Phytolacca americana*  
Near # 20791  
Common

20793 *Vitis vulpina*  
above Conrad's ferry  
1/2 mile, Va. shore of Potomac  
Conglomerate.

20794 *Eupatorium* - Plant A.  
Near # 20792  
In thicket on bank of Potomac

20795 *Sedum ternatum*  
on conglomerate ledges near  
Conrad's ferry -  
Conglomerate; frequent

20796 wet soil by quarry pool  
Buzzard Mt. 8/19/52  
Diabase -

20797 *Hypericum perforatum*  
Trail to Buzzard from R.R. ditto  
Common. Diabase

*asparagus officinalis* { 8/19/52  
on trail to Buzzard Mt. Diabase  
20798 Escape - frequent.

20799 *Sporoxea purpurea*  
on trail to Buzzard, in  
old field. Common. ditto

20800 *Asclepias verticillata*  
on trail to Buzzard -  
thicket - Diabase ditto  
Frequent.

20801 *Panicum crus-galli*  
on trail to Buzzard  
in clump of spotted wood wool  
Common Diabase. ditto

20802 *Rhus copallina*  
in thicket on trail to Buzzard  
Common Diabase ditto

20803 *Verbascum blattaria*  
fl. yellow -  
on trail to Buzzard - old  
field. Frequent Diabase ditto

20804 *Vernonia noveboracensis*  
at Quarry pool on stage  
Buzzard Mt. Common  
diabase. ditto

Vitis  
at quarry pool on slope  
20805 Buzzard Mt -  
common.

8/19/52  
H.A.A.  
Diabase  
= 8/19/52

20806 Euphorbia  
In dry rocky woods on  
slope Buzzard Mt.  
Diabase  
Frequent ditto

20807 Alisma  
In wet soil on trail to  
pool on Buzzard Mt.  
Frequent  
Diabase ditto

20808 Eclipta alba  
at pool, slope of Buzzard Mt.  
Fls white. Diabase  
Frequent ditto

20809 Spiranthes tuberosa  
at quarry pool in old wood road  
Diabase  
Frequent ditto

20810 Lobelia cardinalis  
In wet soil at foot of Buzzard Mt.  
Frequent  
Diabase ditto

20811 Euphorbia  
In open woods - top of  
Buzzard Mt.  
Diabase  
Frequent ditto

Quercus muhlenbergii  
20812 Top of Buzzard Mt.  
Occasional.

8/19/52  
H.A.A.  
Diabase

20813 Viola -  
on second peak in rocky  
woods - of Buzzard Mt.  
Diabase  
Occasional ditto

20814 Desmodium nudiflorum  
Frequent -  
Near # 20813 - on the  
second peak of Buzzard ditto

20815 Chimaphila maculata  
Common  
on slope of Twin or second  
peak of Buzzard Mt.  
Common ditto

20816 Viburnum acerifolium  
Near # 20815  
Frequent ditto

20817 Carya  
Top of Buzzard Mt.,  
first peak.  
Frequent ditto

20818 Botrychium virginicum  
on slope of second peak  
of Buzzard.  
Frequent ditto

*Gerardia virginica*  
In woods on second peak  
of Buzzard Mt. - Diabase  
20819 Frequent 8/19/52  
H.A.A.

*Quercus rubra*  
20820 Top of Buzzard Mt. ditto  
Common  
Diabase.

*Eupatorium perfoliatum*  
20821 at Quarry pool on slope of Buzzard Mt. ditto  
Common.

*Asplenium hypnoides*  
20822 On slope Buzzard Mt. ditto  
at Quarry pool  
Frequent Diabase

*Ludwigia*  
20823 In damp soil on trail to Buzzard. Frequent. Diabase. ditto

*Trichostema dichotomum*  
20824 In thicket on trail ditto

near X 20823. An old colored man - a native here says the old-time country folks put leaves in their corn cobs to keep them sweet - he may have had in mind that to stop flies from taking - he was reluctant to say so also.

*Asplenium platyneuron* (L.) Oakes  
20825 Top of Buzzard. Common Diabase ditto

*Paronychia canadensis*  
Top of Buzzard in dry, rocky soil. Frequent.  
20826 Diabase. 8-18-52  
diabase  
H.A.A.  
-8/19/52

*Eupatorium sessilifolium*  
20827 Top of Buzzard ditto  
Frequent  
Diabase

*Clitoria mariana*  
20828 Dry soil - top of Buzzard Mt. ditto  
Frequent  
Diabase

*Salix*  
20829 at Quarry Pool on slope of Buzzard Mt. ditto  
Diabase

*Cyperus*  
20830 In dry, thin soil on ledge top of Buzzard Mt. ditto  
Diabase  
Infrequent

*Polygonaceae*  
20831 In yard of Norman Springer Airlington, Va. ditto  
Low, viney, prostrate.

*Setaria*  
20832 On trail to Buzzard - old R.R. grade. Diabase ditto  
Common.

20833 *Digitaria*  
on old R.R. grade to  
Buzzard Mt.  
Common  
Diabase.

8/19/52  
H.A.A.

20834 *Aristida*  
Near # 20833  
Common - dry soil  
Diabase

ditto

20835 *Aurea*  
On *Taurus carota*  
and *Lespedeza*  
Near # 20833  
Common. Diabase

ditto

20836 *Triodia flava*  
Dry soil near # 20833  
Common. Diabase

ditto

20837 *Quercus phellos*  
Near foot of Buzzard Mt.,  
Damp soil  
Diabase. Frequent

ditto

20838 *Strophostyles helvola*  
In old field at foot Buzzard,  
Frequent  
Diabase.

ditto

20839 *Selaginella apoda*  
In damp soil on trail to  
Buzzard Mt. Diabase  
Occasional - S. apod (L) Spring

ditto

*Hibiscus trionum*  
In old field near Buzzard  
Mt. - foot, not far from  
S. R.R. Infrequent.  
Fl. yellow with black  
center on eye. Diabase

8/19/52  
H.A.A.

20840 *Fimbristylis castanea*  
In damp soil on old R.R. grade  
to Buzzard Mt. Frequent  
achenes striate and reticulate.  
Diabase

ditto

20842 *Solidago*  
Low ground, on slope of  
Buzzard Mt. Frequent.  
Diabase

ditto

20843 *Lespedeza*  
Dry soil foot Buzzard Mt.  
Diabase  
Frequent

ditto

20844 *Prunella vulgaris*  
On trail to Buzzard Mt.  
Diabase  
Common

ditto

20845 *Acalypha gracilens*  
Diabase  
On trail to Buzzard Mt.  
Frequent.

ditto

20846 *Lissum striatum*  
On trail to Buzzard Mt.,  
near Quarry pool.  
Diabase  
Frequent.

ditto

Grass on ~~top~~ slope  
of second peak of Buzzard Mt.  
20847 Frequent, { 8/19/52 20-  
Diabase.

20848 Grass near \* 20847 ditto  
Diabase

20849 *Tephrosia virginiana* ditto  
on slope of Buzzard Mt,  
dry, rocky soil. Frequent. Diabase

20850 Grass. In damp soil  
in sag between the twins  
Buzzard Mt. Diabase 8/19/52

20851 *Rhus typhoides*  
Low, bushy, not climbing  
Diabase  
on slope Buzzard 8/17/52  
Mt - first peak. Common.

20852 *Cypripedium*  
Near Quarry pool, Diabase ditto  
on Buzzard Mt.  
Common in old fields etc.

20853 *Eupatorium rugosifolium*  
On old railroad grade  
to Buzzard Mt. ditto  
Frequent -  
Diabase

*Plantago rugelii* -  
On old railroad grade to  
Buzzard Mt. { 9/19/52  
Diabase H.A.C.  
Common

20854 *Polegonum tenue* ditto  
In dry soil of  
R.R. grade to Buzzard Mt.  
Diabase -  
Occasional

20856 *Sabatia angularis* ditto  
In damp soil by brook  
on R.R. grade to Buzzard Mt. ditto  
Frequent. Diabase.  
Delicate, fragrant, very showy

20857 *Mimulus ringens*  
with \* 20856 ditto  
Frequent - Diabase

20858 *Hypericum* ditto  
In damp soil with \* 20856  
Frequent.  
Diabase

20859 *Lepedeza* ditto  
on R.R. grade to Buzzard Mt  
8/17/52 Diabase  
Common - in dry soil  
Leaves narrowly oblong.

20860 *Callitriche* sh.  
In mud and water in  
shallow pool on slope of Buzzard Mt  
Frequent. 8/19/52

Creeping on mud in shallow pool  
on slope of Buzzard Mt. (8/19/52)  
Diabase  
Frequent.  
20861

20862 *Scirpus*  
In wet soil near \* 20861  
Frequent  
Diabase ditto

20863 In dry soil on old R.R. grade  
to Buzzard Mt.  
Diabase  
*Leshedeya stipulacea* Common ditto

20864 *Diodia teres*, typical  
Near \* 20863  
Common  
Diabase ditto

20865 Grass  
Near \* 20863  
Diabase  
Frequent ditto

20866 *Cassia fasciculata*  
Near \* 20863  
Common  
Diabase ditto

20867 *Panicum anceps*  
In damp soil with or near  
\* 20862 Frequent ditto

*Desmodium* sp.  
Not in fl.  
In dry rocky soil on top  
of Buzzard Mt. (8/19/52)  
Occasional  
Diabase

20868 Grass on rocky shelf in  
thin soil near \* 20868  
Frequent  
Diabase ditto

20870 Grass  
*Shorobolus* -  
Dry, thin soil on top of  
Buzzard, Diabase  
Frequent ditto

20871 *Hieracium*  
In dry soil near \* 20868  
Frequent  
Diabase ditto

20872 *Desmodium rotundifolium*  
In dry, rocky soil  
with \* 20868 Diabase  
Frequent ditto

20873 *Desmodium*  
Near \* 20868  
Frequent  
Diabase  
glaucous. ditto

20874 *Bidens bipinnata*  
Dry, thin soil top  
of Buzzard. Diabase  
Frequent  
Near \* 20868 ditto

*Paricum*  
on top of second peak of  
Buzyard Mt. { 8/19/52  
20875 Frequent  
Diabase

20876 *Asclepias verticillata*  
Top of Buzyard Mt  
Diabase  
Frequent. ditto

20877 *Sanicula*  
In sag between the Twins,  
Buzyard Mt. Diabase  
Frequent ditto

20878 *Lycopus*  
Near # 20877  
Frequent  
Diabase ditto

20879 *Solidago*  
Top of Buzyard Mt.  
Diabase  
Occasional. ditto

20880 *Fern Woodsia obtusa* ~~Very~~  
Top of twin or second peak  
Top of Buzyard Mt. ditto  
Frequent  
Diabase

20881 *Solidago*  
Diabase  
Frequent  
with # 20876 ditto

*Solidago*  
Dry soil top Buzyard Mt.  
Diabase 8/19/52  
20882 Occasional H, a

20883 *Lobelia*  
In sag near # 20887  
Diabase ditto

20884 *Portulacca oleracea*  
On rocks in thin soil  
near # 20882. Frequent as  
a garden weed. ditto

20885 *Talinum teretifolium*  
On rocks in thin dry soil at  
Quarry pool, slope of Buzyard Mt.  
Rare. Diabase ditto

20886 *Commelina erecta* on rocks  
var. *angustifolia* in thin soil ditto  
formed albina Tern. on top of Buzyard  
all petals pure white. Frequent  
Diabase.

20887 *Smilax glauca*  
var. *leurophylla* Blake. Diabase ditto  
Leaves very glaucous beneath.  
In sag between the Twins - Buzyard Mt  
Frequent.

20888 *Commelina erecta*  
all petals all blue. ditto  
var. *angustifolia*  
Frequent. Diabase.  
Near # 20886

*Commelina communis*  
all petals blue  
In old field on trail  
20889 to Buzzard Mt.  
Diabase  
Frequent.

8/19/52  
H.A.

20890 *Hepaletris spicata*  
In dry rocky soil on west and  
east slopes of Buzzard Mt.  
Lip crested blue striped  
Infrequent - mostly now past  
Diabase.

ditto

20891 Found in 1950 on Cedar Mt. but infrequent.  
grass - strongly tufted - in  
yard of Henry Clay School, 7th &  
Garfield, Arlington, Va.

8/24/52  
H.A. allard

20892 *Polygonum*  
around big spring on route 15  
beyond Leesburg, Common  
Conglomerate

aug. 26, 52  
H.A.

20893 *Cuphea petiolata*  
at bridge over Goose Creek.  
Leesburg over Goose Creek  
Frequent. Diabase

8/26/52  
H.A.

20894 *Eleusine indica*  
with # 20893  
Common  
Conglomerate

ditto

20895 *Polygonum*  
with # 20892  
Frequent  
Conglomerate

ditto

Grass - at quarry near  
bridge over Goose Creek -  
near # 20893  
20896 Diabase

8/26/52  
H.A.

20897 *Lepedeza*  
at quarry with # 20896  
Common  
Conglomerate  
Diabase

ditto

20898 *Lepedeza*  
with # 20896  
Common  
Conglomerate

ditto

20899 *Paricum crus-galli*  
at bridge over Goose Creek  
with # 20893  
Common  
Conglomerate  
Diabase

ditto

20900 *Sanguinaria*  
at bridge with # 20893  
Common.

ditto

20901 *Eupatorium*  
in dry soil at quarry  
near # 20897  
Common  
Conglomerate Diabase

ditto

20902 *Lemna minor*  
at big spring with # 20892  
Very abundant on surface here

ditto

20903 *Physalis*  
at bridge over Goose Creek  
on route 7 to Leesburg.  
Frequent.  
Diabase { 8/26/52  
Hag

20904 Moss  
on rocks in big spring  
near # 20892  
conglomerate

20905 *Rumex*  
near # 20892  
conglomerate  
Frequent

20906 *Medicago*  
at big spring near # 20892  
Frequent as escape  
conglomerate

20907 *Scutellaria* fl. blue  
at big spring near # 20892  
Local. Conglomerate,

20908 *Linaria vulgaris*  
at big spring near # 20892  
Common  
conglomerate

20909 *Galeopsis*  
at big spring near # 20892  
conglomerate  
Common

20910 *Hydrocotyle*  
around big spring near  
# 20892  
conglomerate  
Very common { 8/26/52  
Hag

20911 *Plantago lanceolata*  
near # 20892  
Very common  
conglomerate ditto

20912 *Oxalis*  
at big spring near # 20892  
Very common  
conglomerate ditto

20913 *Plantago rugellii*  
in field near # 20892  
Common. ditto

20914 *Prunella vulgaris*  
near # 20892  
Very common  
Limestone conglomerate ditto

20915 *Brassica*  
near big spring near # 20892  
Frequent!  
Limestone conglomerate ditto

20916 *Triodia flava*  
in field near # 20892  
Common  
Now adds purple tinge to  
fields. ditto

Composite  
in field at big spring on route  
15 from Leesburg. { 8/26/52  
H.A.G.  
20917

Common  
Conglomerate

20918 *Celtis*  
near big spring near  
\* 20892  
frequent.

ditto

20919 *Spiranthes*  
in field near \* 20892  
Frequent  
Conglomerate

ditto

20920 *Bidens*  
at big spring near \* 20892  
Frequent.  
Conglomerate

ditto

20921 *Rudbeckia hirta*  
1 mi. down Goose Creek from  
Route 7, left bank going down  
Frequent Recent

ditto

20922 1 mi. down Goose Creek  
near \* 20921  
Common in moist woods  
Recent

ditto

20923 *Helianthus divaricatus*  
2 mi down Goose Creek from  
route 7. Recent.  
Frequent.

ditto

*Sanicula*  
1 mi. down Goose  
Creek from route 7. { 8/26/52  
H.A.G.  
20924

Common.  
Recent.

20925 *Helianthus*  
1 mi. down Goose Creek  
near \* 20924  
Recent  
Frequent

ditto

20926 at Quarry at bridge  
on Goose Creek at #7  
Diabase.  
Dry soil.

ditto

20927 *Solidago*  
at quarry near \* 20926  
Diabase  
Frequent.

ditto

\* 20928 *Pycnanthemum*  
at bridge over Goose Creek  
on route 7.  
Frequent  
Diabase.

ditto

20929 *Asclepias*  
at quarry near 20926  
Diabase  
Frequent.

ditto

20930 *Geum*  
1 mi. down Goose Creek,  
near 20924. bl. yellow.  
Frequent  
Recent.

ditto

20931 *Bidens*  
at quarry at bridge at  
route 7 over Goose Creek  
Diabase  
Frequent.

8/26/52  
H.A.G.

20932 *Cyperus*  
sandy soil with # 20931  
Frequent  
Diabase

ditto

20933 *Setaria*  
at big spring on route 15  
from Leeburg  
Conglomerate  
Occasional

ditto

20934 *Silene* fl. white  
at big spring near # 20933  
Frequent  
Limestone Conglomerate.

ditto

20935 Grass  
at big spring near # 20933

ditto

20936 Grass  
near # 20933  
Frequent  
Conglomerate

ditto

20937 *Polygonum*  
near # 20933  
Frequent  
Conglomerate

ditto

20938 *Galinsoga*  
at bridge over Goose  
Creek on route 7  
Common  
Diabase.

8/26/52  
H.A.G.

20939 *Setaria*  
Near # 20933  
Common

ditto

20940 *Leanthus*  
false pennyroyal  
at big spring near  
# 20933  
Frequent

ditto

20941 *Eupatorium*  
Plant A - two sections  
1 mi. down Goose Creek  
from bridge route 7  
Recent.  
Frequent

ditto

20942 *Sanicula*  
1 mi. down Goose Creek  
from route 7.  
Frequent in moist  
woods Recent.

ditto

20943 *Monarda purpurea*  
1 mi. down Goose Creek  
from bridge and route 7  
Common  
Recent

ditto

20944 *Hypericum*  
Near # 20943  
Frequent  
Recent.

ditto

*Ambrosia trifida*  
2 mi. down Goose Creek  
from bridge and route 7 } 8/26/52  
Haa  
20945 Common  
Recent.

*Eupatorium* Goose Creek  
2 mi. down } 8/26/52  
Haa  
20952 near 20949  
Frequent.  
Recent.

20946 *Helianthus*  
2 mi. down Goose Creek ditto  
near # 20945  
Frequent

20953 *Solidago*  
stem very glaucous.  
on rocky outcrop -  
diabase near # 20952 ditto

20947 *Chenopodium ambrosioides* var.  
1 mi. down Goose Creek ditto  
from bridge and route 7  
Recent  
Frequent

20954 *Lactuca*  
fl. blue  
near # 20952  
Recent.  
Frequent ditto

20948 *Sanicula*  
fl. white  
1 mi. down Goose Creek ditto  
from route 7.  
Recent  
Frequent

20955 *Sida spinosa*  
1 mi. down Goose Creek ditto  
near 20948 fl. yellow  
Common  
Recent

20949 *Elymus*  
2 mi. down Goose Creek ditto  
from # 7 and bridge  
Recent  
Frequent

20956 *Helianthus*  
1 mi. down Goose Creek ditto  
near # 20948  
Frequent  
Recent soil

20950 *Urtica*  
2 mi. down Goose Creek ditto  
near # 20949  
Recent.  
Common

20957 *Helium*  
at Quarry at  
bridge of route 7 over  
Goose Creek. Frequent  
Diabase. ditto

20951 *Elephantopus*  
1 mi. down Goose Creek ditto  
near # 20948.  
Frequent all along the  
flood plain of creek. Recent

20958 Grass  
at Quarry with # 20957 ditto  
Diabase

at bridge over Goose Creek  
on route #7

20959

Diabase  
Frequent

8/26/52

H.A.G.

Polygonum  
fl. pink.

20966

Near 20964  
Frequent  
Recent.

8/26/52  
H.A.G.

20960 aster  
fl. blue  
1 mile down Goose Creek  
from bridge of route 7  
Recent.  
Frequent

ditto

20961 Polygonum  
fl. white  
Down Goose Creek near  
# 20960 frequent  
Recent

ditto

20962 Berberis  
Near # 20960 along  
bank - frequent  
Recent

ditto

20963 Hydrocotyle  
In low woods 1 mi  
down Goose Creek, near  
# 20960 everywhere growing  
Recent.

ditto

20964 Urticaceae -  
1 mile down Goose  
Creek - everywhere along  
banks. Recent  
(stinging hairs)

ditto

20965 Salix  
Along Goose Creek  
1 mi. down from  
bridge and route 7  
Frequent  
Recent.

ditto

20967 Eupatorium coelestinum  
fl. purplish.  
On Goose Creek  
near bridge of route 7.  
Frequent - Recent.

ditto

20968 Urticaceae  
at quarry near bridge  
over Goose Creek and #7  
Frequent  
Diabase.

ditto

20969 Helianthus  
On Goose Creek near bridge  
and route 7  
Frequent  
Recent.

ditto

20970 Lycopodium  
On Goose Creek near  
bridge and route 7.  
Frequent  
Diabase.

ditto

20971 Solidago -  
Large clumps at quarry  
near bridge and route 7  
over Goose Creek) Diabase  
Frequent

ditto

20972 Cassia nictitans  
with # 20971  
Frequent -  
sandy soil Diabase

ditto

*Achillea millefolium* 8/26/52  
at bridge over Goose Creek  
of route 7  
20973 Common  
Diabase,

20974 Grass 8/26/52  
1 mile down Goose Creek #A, 9,  
from bridge and route 7-  
left bank going down  
Recent.  
Frequent

20975 *Galinsoga*  
at bridge over Goose Creek  
on route #7  
Common  
Diabase

20976 *Setaria*  
at Quarry near bridge  
over Goose Creek and route  
#7 Common  
Diabase

20977 *Daucus carota*  
fl. white  
near # 20976  
Common  
Diabase

20978 *Erigeron canadensis*  
at quarry with 20976  
Common weed everywhere  
Diabase

20979 *Solidago*  
at quarry near # 20978 ditto  
Diabase  
Frequent.

*Solanum nigrum*  
Near bridge over Goose Creek  
and route #7  
20980 Common  
Recent

20981 *Cirsium*  
at quarry in dry soil  
with # 20979.  
Frequent.

20982 *Polygonum*  
fl. pink  
near # 20973  
Frequent  
Diabase

20983 *Oenothera biennis*  
at quarry near # 20981  
Diabase  
Common

20984 *Bidens*  
at quarry with # 20981  
Frequent  
diabase

20985 *Vernonia*  
1 mi. down Goose Creek  
in stream bank thicket  
Recent.  
Frequent

20986 *Polygonum*  
fl. pale pink.  
at quarry near # 20982  
Frequent  
Diabase.

ditto

ditto

ditto

ditto

ditto

ditto

*Commelina*  
at quarry at bridge over Goose  
Creek of route 7 8/26/52  
20987 *Commelina*  
fl. blue  
Diabase.

20988 *Phytolacca americana*  
Near big spring on route 15 8/26/52  
from Leesburg. H.A.G.  
Very common  
Conglomerate

20989 *Catalpa*  
In pasture  
near big spring - above ditto  
Occasional  
Conglomerate

20990 *Arctium*  
at big spring near #20988 ditto  
Common in waste ground  
around old house sites  
Conglomerate

20991 at big spring in wet  
soil near #20990 ditto  
Conglomerate  
Frequent

20992 *Nasturtium officinale*  
(water cress) ditto  
In spring above on route 15  
Occasional  
fl. white. Conglomerate

20993 *Nepeta cataracta*  
around big spring above ditto  
Frequent  
Conglomerate

*Solanum nigrum* 8/26/52  
fl. white  
at big spring near H.A.G.

20994 #20993  
Frequent  
Conglomerate

20995 *Lycopodium americanum* 9/17/52  
dry deciduous wood (west) above Goose Creek H.A.G.  
Diabase.

Common in low ground.  
20996 *Cunila origanoides* (L.) Britton  
dry decid. woods  
near #20995  
Diabase.

20997 *Viola*  
In moist spot near ditto  
#20996 in decid. woods

20998 *Lepedeyza*  
In woods with #20995 ditto  
Common  
Diabase

20999 *Solidago nemoralis* ditto  
In open dry decid.  
woods near #20995.  
Common  
Diabase.

21000 *Solidago graminifolia* ditto  
var. *nuttallii*  
with #20995 in damp  
soil. Common. Diabase

Eupatorium coelestinum

21001 In dry deciduous  
woods in nois  
shot just above  
Goose Creek near  
#7 highway  
frequent. } 9/7/52  
Diabase  
H.A.A.

21002 In damp spot  
near # 21001  
Common  
Cyperus ditto

21003 Quercus imbricaria  
In open woods near  
# 21001 frequent along  
Goose Creek and near it. ditto

21004 Polygonum tenue  
In dry woods near 21001  
frequent ditto

21005 Polygala verticillata  
In dry field edge of wood  
near #7 just above Goose Creek  
occasional ditto

21006 Quercus stellata  
Near # 21001  
frequent ditto

21007 Lofelia siphilitica  
In meadow along brook  
near #7 - above Goose Creek  
frequent  
Fl. blue ditto

Eupatorium coelestinum

21008 In damp soil with  
# 21007 Very  
abundant, colorful } 9/7/52  
Diabase  
H.A.A.  
frequent.

21009 agrimonia  
with # 21008  
frequent  
Diabase ditto

21010 Eupatorium perfoliatum  
with # 21008  
Common. ditto

21011 Quercus alta  
near # 21006  
Common ditto

21012 Euphorbia  
In field just west of  
Goose Creek near #7  
frequent  
forming mats. ditto

21013 Vernonia noveboracensis  
9/7/52  
In swale near #7 -  
with # 21008  
Common. ditto

21014 Fraxinus  
Near # 21008  
frequent. ditto

*Sida spinosa*  
in swale along brook  
near #7 and just west of  
21015 Goose Creek  
Frequent { 9/7/52  
Diabase  
H.A.A.

21016 *Lobelia siphilitica*  
*forma albiflora* Britt  
infrequent bl. white.  
with # 21015 ditto

21017 *Empatorium altissimum*  
On dry bank near #7  
just west of Goose Creek  
Frequent ditto

21018 *Desmodium*  
Near # 21017  
Frequent ditto

21019 *Paricum*  
In damp soil near  
#7 just west of Goose Creek  
Frequent ditto

21020 *Dipsacus sylvestris*  
along #7 just west of  
Goose Creek. frequent  
nearly past bl. fl. in July  
and Aug. ditto

21021 *Sorghastrum nutans*  
Near # 21020 - on dry  
bank. Common. ditto

*Platanus occidentalis*  
along brook near { 9/7/52  
Diabase,  
H.A.A.  
21022 # 21015  
Common

21023 *Sicaya angulatus* ditto  
along Goose Creek at  
bridge of #7 highway  
frequent, high climbing  
abundant in my garden; twigs  
painful, easily detached

21024 *Paronychia*  
on rocks thin soil at quarry ditto  
near # 21023  
Frequent

21025 *Anarastus*  
Near # 21024  
Common ditto

21026 *Oxalis*  
Near # 21024  
Common ditto

21027 *Strophostyles umbellata* ditto  
In dry soil in open pine  
wood near #7 just west of  
Goose Creek.  
Frequent  
winding climber

21028 *Digitaria*  
Near # 21024  
Common ditto

*Aster pilosus*  
var. *demotus*  
at quarry at Goose  
Creek at bridge of  
#7 Frequent  
9/7/52  
Diabase  
H.A.A.

2/ 21030 *Polygonum*  
in thin soil on rocks  
of quarry near #21029  
Frequent ditto

2 21031 *Chenopodium*  
at quarry near #21029  
Common ditto

2 21032 *Lespedeza*  
in open pine wood just  
west of Goose Creek and  
near route #7.  
Common ditto

2 21033 *Ambrosia artemisiifolia*  
all pinnate  
on bank near bridge over Goose  
Creek on route 7. Plants late  
in the season sometimes dec.  
only pinnate ditto

2 21034 *Perilla frutescens*  
near #21029  
Common ditto

21035 *Pyrenanthemum*  
at quarry near #21029  
Frequent ditto

*Pyrenanthemum*  
at quarry, dry soil  
near #21029  
Frequent  
9/7/52  
Diabase  
H.A.A.

21037 *Vernonia glauca*  
on hillside near brook  
near route 7, just west of  
Goose Creek. Frequent  
Pappus creamy. ditto

21038 *Euphorbia* flat  
Fornus beautiful mats  
of considerable size.  
at quarry near #21029  
Frequent ditto

21039 *Gerardia tenuifolia*  
in dry pine woods  
near #21032  
Frequent ditto

21040 *Euphorbia corollata*  
var. *paniculata*  
in dry pine woods near  
#21032  
Frequent ditto

21041 *Lespedeza*  
frustrate  
in dry soil near #21029  
Frequent ditto

21042 *Quercus stellata*  
just west of Goose Creek  
and near route #7.  
Frequent ditto

*Hypoxis hirsuta* (9/7/52)  
Diabase  
H. & A.  
In pine woods.  
21043 near route #7 just west  
of Goose Creek  
Frequent

21044 *Bidens aristosa*  
typical  
anthers upwardly barbed ditto

21045 *Bidens aristosa*  
var. *mutica*  
anthers rudimentary or wanting.  
Intermingled with # 21044 ditto  
Frequent

21046 *Quercus falcata*  
In pines near # 21043 ditto  
Frequent

21047 *Bidens aristosa*  
var. *Fritcheyi*. ditto  
In same colony with # 21044  
anthers retrose & barbed  
Frequent

21048 *Panicum* ditto  
In open pine wood near  
# 21043 Frequent.

21049 *Hypericum gertianoides* ditto  
In dry soil in open  
deciduous woods near  
route #7 just west of Goose Creek  
Frequent.

*Trichostema dichotomum* 9/7/52  
Diabase  
London Co.,  
H. & A.  
In dry soil  
21050 near 21049  
Frequent.

21051 In dry soil ditto  
near # 21049  
Frequent

21052 *Eupatorium coelestinum* ditto  
In open pine woods  
near 21043.  
Frequent.

21053 *Stylosanthes biflora* ditto  
In dry soil near route 7  
just west of Goose Creek  
Frequent

21054 *Sorghastrum nutans* ditto  
On dry bank near 21053  
Common.

21055 *Santhus brachiatus* ditto  
In dry pasture near  
route #7 just above Goose  
Creek  
Frequent.  
In dry soil

21056 *Lepedeza* ditto  
In open pine woods on bank  
near route 7, just west of Goose Creek  
Frequent  
O-L almost oval leaves.

*Empatorium altissimum* 9/17/52  
In dry soil in open pine  
21057 wood near white  
just west of Goose Creek,  
frequent. Diabase  
H.A.A.

21058 *Cladonia*  
Red apothecia - very ditto  
shamy  
In pine woods near  
# 21057 frequent.

21059 *Aristida*  
In dry, sterile soil near ditto  
21057 frequent.

21060 Grass  
In dry soil near # 21059 ditto  
frequent

21061 *Polygonum punctatum* W. ditto  
fl. white var.  
In moist spot in pines  
near # 21057 Common

21062 *Lepedogon*  
Tall - narrow based ditto  
In pines, dry soil near  
# 21057 Common

21063 *Prenanthes serpentina*  
In dry soil in pine woods ditto  
near # 21057  
frequent  
Pappus - cream.

*Paspalum* 9/14-52  
In wet spot on Limestone H.A.A.  
Branch near route 15  
21064 conglomerate.

21065 *Panicum cruz-galli* ditto  
with # 21064.  
On limestone Branch near  
# 21064 Conglomerate  
Common.

21066 *Cirsium*  
Conglomerate ditto

21067 *Oxalis*  
On Limestone Branch ditto  
near route 15  
Near # 21064 Common

21068 On undifferentiated  
Cambrian - or up to 15  
Va side at Point of Rocks, in  
ledge, outcrop and talus. ditto  
(later) frequent

21069 *Eupatorium*  
rays white ditto  
with # 21068  
Not frequent in area.

21070 *Euphorbia*  
On Limestone Branch ditto  
1/2 or more down stream from  
route 15 frequent  
Conglomerate

*Leersia*  
On Limestone Branch  
near route 15 in  
21071 wet spot.  
Conglomerate  
Frequent.

9/14/52  
H.A.A.

21072 *Chenopodium album*  
along Limestone Branch ditto  
near # 21071 Conglomerate  
Common

21073 *Chenopodium anthracinum*  
near # 21071 ditto  
Common  
Conglomerate.

21074 *Perilla*  
in waste ground near  
# 21071 Frequent  
conglomerate ditto

21075 *Polygonum*  
bl. rose.  
in damp soil along  
Limestone Branch near # 21071  
Frequent ditto

21076 *Achillea*  
along Limestone Branch ditto  
near # 21071  
Common

21077 *Clematis virginiana*  
along Limestone Branch ditto  
near # 21071. Frequent  
conglomerate

*Crataegus*  
along Limestone Branch { 9/14/52  
H.A.A.  
21078  $\frac{1}{2}$  mile from route 15  
Frequent  
Conglomerate

21079 *Saponaria officinalis*  
in pasture near Limestone  
Branch 1 mi. from route 15 ditto  
Conglomerate Common

21080 *Santhus trachiatum*  
bl. blue.  
in dry soil in pasture with  
# 21079. Frequent  
conglomerate ditto

21081 *Helianthus*  
near Potomac R. along  
route 15, Va. side near Point-of  
Rocks. Frequent  
undifferentiated Cambrian ditto

21082 *Solidago*  
near # 21081 ditto  
Frequent

21083 *Impatiens biflora*  
with # 21068 ditto  
Same formation  
Common

21084 *Polygonum*  
in damp thickets along  
Branch near Potomac, near  
route 15, in Va. side near Point-of-  
Rocks. Frequent. bl. rose  
Recent ditto

In waste ground along  
Limestone Branch near H.A.  
21085 route 15, Common.  
Conglomerate  
Setaria

21086 Setaria  
Along Limestone Branch ditto  
near # 21085  
Common

21087 Liquidambar styraciflua ditto  
near # 21085  
Frequent  
Conglomerate

21088 Nepeta cataria ditto  
Near conglomerate outcrop  
in pasture near Limestone  
Branch 1 mi from route 15  
Frequent

21089 Scrophularia marilandica ditto  
In pasture beside # 21088  
Frequent  
Conglomerate

21090 Cyperus inflexus Muhl. ditto  
Near conglomerate outcrop  
in pasture near # 21088  
Infrequent

21091 In damp shady situation  
along Limestone Branch ditto  
near route # 15  
conglomerate  
Muhlenbergia  
Common

Quercus  
On grass near Point of Rocks. on 9/14/52  
Va. (Tropaeum) is H.A.  
21092 Thicket near Pot. River  
Frequent  
Undifferentiated Cambrian

21093 Populus deltoides ditto  
Along stream near # 21092  
Frequent Occasional  
Requent

21094 Bidens ditto  
at big spring on route 15  
near Lelandburg. Cong.  
(Temp. of water at bridge of  
route 15 = 56° F.)

21095 Leersia ditto  
In wet soil with # 21094  
Frequent  
Conglomerate

21096 Echinocystis lobata ditto  
Staminate  
Near # 21093 in blood plain soil  
along stream, dumburg river  
and forming a weedy jungle infrequent

21097 Panicum ditto  
In corn field near # 21093  
Frequent.  
Undifferentiated Cambrian

21098 Monarda ditto  
fl. purplish.  
In corn field near # 21097  
Frequent  
Same rock formation.

- Polygonum*  
fl. rose.
- 21099 In old cornfield  
with 21098  
frequent  
Same formation (rock)
- 21100 *Fragaria*  
In low ground near  
#21093 Recent  
frequent ditto
- 21101 *Muhlenbergia*  
In damp, shaded, flood-  
plain soil near 21096  
Common Recent ditto
- 21102 *Datura stramonium*  
In corn field with 21098  
frequent  
Same rock formation ditto
- 21103 *Xanthium chinense*  
In corn field near #21098  
frequent  
Same gen. formation ditto
- 21104 *Helianthus*  
On undifferentiated Cambrian  
near route 15 at foot of ledges,  
dry soil frequent ditto
- 21105 *Snaphalium*  
*obtusifolium* Near Goose  
In pasture; creeks  
common above  
Belmont Station  
Diabase. 9/21/52

- Helianthus strumosus*  
along R.R. near bridge over  
Goose Creek above Belmont Station  
21106 frequent. (9/21/52 H.A.G. Diabase)
- 21107 *Oxalis* (R.R.)  
At bridge over Goose Creek  
above Belmont Station  
Common Diabase ditto
- 21108 *Cyperus*  
wet soil by R.R. near  
Belmont Station  
frequent Diabase ditto
- 21109 *Polygonum sagittatum*  
In wet soil with #21108  
Common Diabase ditto
- 21110 *Polygonum cristatum*  
Near trap rock quarry  
along R.R. 1/2 mi above Belmont Sta.  
Scrambling over shrubs. Common Diabase ditto
- 21111 *Aster*  
In thickets with #21110  
frequent Diabase  
Rays deep purple; very beautiful aster ditto
- 21112 *Bidens*  
Beside R.R. bridge over Goose  
Creek 1/2 mile or more above Belmont  
Station frequent Diabase.  
Rays yellow - very showy in masses.

*Empetrum*  
fl. white  
21113 Frequent  
Near R.R.  
bridge over Goose  
Creek above Belmont  
Sta. 3/4 mile  
Diabase  
9/21/52  
Haa

21114 *Euphorbia*  
along R.R. near # 21113  
Frequent  
rays white  
ditto

21115 *Leersia*  
in wet soil by R.R.  
near Belmont Sta.  
Frequent.  
Diabase  
ditto

21116 *Xanthium*  
at trap rock quarry  
and along R.R.; abundant here.  
Diabase.  
ditto

21117 *Solidago*  
along R.R. just above Belmont  
Station. Frequent  
Diabase  
ditto

21118 *Elychnia*  
in wet soil along R.R. just above  
Belmont Station. Frequent  
Diabase  
ditto

21119 *Aster*  
rays white  
along R.R. near Belmont Sta.  
Common  
Diabase.  
ditto

*Aster*  
very leafy  
along R.R. near  
21120 Belmont Sta.  
Frequent.  
9/21/52  
Haa  
Diabase

21121 *Galiopsis tetralix*  
along R.R. near  
Belmont Station  
Common Diabase  
ditto

21122 *Bidens*  
along R.R. near trap rock  
quarry. Common  
Diabase.  
ditto

21123 *Rosa*  
Flowers deep rose.  
along R.R. - near Belmont  
Station. Frequent  
Diabase.  
ditto

21124 *Bidens aristata*  
var *fritcheyi*  
along Goose Creek at rapids  
up stream near bridge (R.R.) from  
Belmont Sta. Common  
ditto

21125 *Lactuca floridana*  
fl. blue  
Near # 21124  
Common  
ditto

21126 *Ranunculus*  
at rapids near # 21124  
Frequent  
ditto

*Sauria biennis*  
at rapids on Goose  
21127 creek above R.R. bridge  
above Belmont Station  
Frequent  
9/21/52  
Diabase  
H.C.A.

21128 *Oxalis*  
in corn field near  
R.R. bridge over Goose Creek  
above Belmont Station  
Common  
ditto

21129 *Verbesina*  
*occidentalis*  
at rapids with # 21127  
Common  
ditto

21130 *Carya*  
in corn field  
at rapids near # 21127.  
Frequent  
ditto

21131 *Helianthus*  
at rapids near # 21127  
Frequent  
ditto

*Helianthus decapetalus*  
21132 *Xanthium diversense*  
in corn field near  
rapids on Goose Creek  
above R.R. bridge above  
Belmont Station  
Common  
ditto

21133 *Aralia*  
in corn field near  
# 21132  
Common  
ditto

*Xanthium italicum*  
= (x-commune) & *x-saccharatum*  
21134 at traprock quarry  
above Belmont Station  
Common  
9/21/52  
H.C.A.  
diabase

21135 *Datura stramonium*  
in corn field with 21128  
Frequent  
ditto

21136 *Quercus muhlenbergii*  
Near R.R. bridge over Goose  
Creek above Belmont Sta.  
Frequent  
ditto

21137 *Oenothera*  
abundant on fine detritus  
in great heaps at trap rock  
quarry - near # 21134  
Common  
ditto

21138 *Celtis*  
Fruit orange.  
Beside Goose Creek near  
bridge above Belmont Sta.  
Frequent  
ditto

21139 *Polygonum*  
Near # 21138  
Frequent.  
ditto

21140 *Quercus rubra*  
Near Goose Creek  
along R.R. just above bridge  
over Goose Creek.  
Frequent  
Diabase  
ditto

~~Bidens~~ Desmodium 9/21/52  
H.A.A.  
Diabase  
21141 Along Goose Creek  
near R.R. bridge above  
Belmont Sta  
Frequent.

21142 Corylus americana  
along Goose Creek  
near R.R. bridge  
Frequent.  
Diabase.  
ditto

21143 Sponsoea lacunosa  
fl. white  
at trap rock quarry above Belmont  
station on R.R.  
Frequent  
Diabase.  
ditto

21144 Aster paniculatus  
at quarry near # 21143  
Common  
ditto

21145 ~~grass~~ Aster novae-angliae  
at quarry above with #  
21143 Frequent.  
ditto

21146 Anaphalis  
at trap rock quarry  
near # 21143  
Common  
ditto

21147 ~~grass~~  
at trap rock quarry  
near # 21143  
Frequent  
ditto

Lactuca biennis 9/21/52  
at trap rock quarry  
near # 21143  
Frequent  
Diabase  
ditto

21149 Helenium autumnale  
in damp spot at quarry  
near # 21143  
Frequent  
diabase -  
ditto

21150 ~~Cyperus~~  
Cyperus  
Polygonum  
Common  
In Allard's garden  
Lyon Park, Va 9/23/52  
9/23/52  
H.A.A.

21151 ~~var~~ Polygonum  
crinitatum  
along R.R. above Belmont  
sta near trap rock quarry  
Common  
9/21/52  
diabase  
H.A.A.

21152 Along Broad Run left  
bank below bridge  
near Buckland, Va  
Aster paniculatus  
Common.  
9/28/52  
Diabase  
H.A.A.

21153 Desmodium  
Near # 21152  
Common  
ditto

21154 Chenopodium ambrosioides  
var.  
Common  
on red manassas shales and  
sandstones of Broad Run near  
route # 211  
ditto

on red shales & sandstone  
of Broad Run near route 211  
mat planar dry,  
crumbly shales.  
21155  
9/28/52  
H.A.G.

21156 *Desmodium*  
Near # 21155  
Frequent.

21157 *Eupatorium fistulosum*  
Near # 21155  
stem glaucous,  
hollow

21158 *Solidago graminifolia*  
var. *nuttallii*  
on shales near # 21155  
frequent.

21159 *Hypericum nudiflorum*  
on shales near # 21155  
frequent.

21160 *Desmodium*  
along Broad Run (up stream)  
on red shales near  
# 21155  
Frequent

21161 *Anaphalis?*  
on shales near # 21155  
infrequent

ditto

ditto

ditto

ditto

ditto

ditto

Anter  
on red shales  
near # 21155  
Frequent  
rays blue  
21162  
9/28/52  
Left Broad  
Run near 211

21163 *Solidago*  
On shales near # 21155  
Frequent

21164 Anter rays blue  
on red shales  
of Broad Run near 211  
Near # 21155

21165 *Chelone*  
fl pink.  
Down Broad Run left bank  
1 mi from bridge and route 211  
infrequent  
in wet soil Diabase

21166 *Eupatorium*  
Down Broad Run near rapids  
1 mi down from bridge and  
# 211, left bank. Frequent  
Diabase  
9/28/52  
H.A.G.

21167 *Anter disaricatus*  
Near # 21166  
Frequent Diabase  
in woods.

21168 *Geum*  
woods near # 21165  
Diabase  
Frequent.

ditto

ditto

ditto

ditto

ditto

*Polygonum*  
 all floodplain left bank 9/28/52  
 21169 Broad Run near bridge  
 and #211  
 Recent  
 Frequent.

21170 *Aster tardiflorus* 9/28/52  
 in moist woods at rapids  
 1 mile down Broad Run, left  
 bank - from bridge and #211  
 Infrequent. Diabase

21171 *Corallorhiza*  
 in woods down Broad Run  
 left bank from bridge and 211  
 1 mile Diabase Frequent ditto

21172 *Polygonum*  
 on left bank of Broad Run  
 near bridge and route 211  
 left bank - Recent  
 (blood plain) ditto

21173 *Polygonum*  
 Near #21172  
 Frequent  
 Recent ditto

21174 *Lycium*  
 Roadside (route 211)  
 near Broad Run and  
 bridge. Infrequent  
 Diabase ditto

21175 *Sporaea purpurea* 10/5/52  
 along Little River, up  
 stream from bridge on route  
 15 Common Recent

anter -  
 rays purplish.  
 Common  
 21176 Near #21175  
 Recent  
 10/5/52  
 Recent  
 Loudoun Co

21177 *Aster prenanthoides*  
 Near #21175  
 Common, strong  
 Recent, alluvial ditto

21178 *Aster paniculatus*  
 rays white  
 up Little River 1 mile  
 near #21175 Recent  
 Common ditto

21179 *Panicum cruz-galli*  
 Near #21175  
 Common  
 Recent ditto

21180 *Bidens*  
 in soil - near #21175  
 Common  
 Recent ditto

21181 *Sicyos angulatus*  
 damp soil near #21175  
 Frequent  
 Recent. High-climbing ditto

21182 *Oxalis*  
 along Little River in  
 pasture near #21175  
 Common  
 Recent ditto

*Polygonum*  
In wet soil along Little River  
21183 1 mile from bridge on route 15  
common  
Recent  
10/5/52  
Recent  
H.A.A.

21184 *Aster prenanthoides*  
Rays purple.  
In damp soil near #21183  
Common. Very showy now.  
Recent.

21185 *Plantago rugelii*  
In rich soil along  
Little River near #21183  
Common.  
Recent.

21186 *Ambrosia an*  
*Chenopodium anthelminticum*  
var. *ambrosioides*.  
Common.  
Recent.

21187 Rays yellow.  
*Astragalus*?  
Near #21183  
Recent  
Common.

21188 *Verbena*  
fl. white  
In pasture 2 mi. up Little River  
from bridge on route 15  
Common.  
Recent.

21189 *Aralypha*  
Near #21188, in  
rich soil  
Common.  
Recent.

ditto

ditto

ditto

ditto

ditto

ditto

*Carya*  
up Little River near  
21190 #21188  
Frequent  
Recent  
10/5/52  
H.A.A.

21191 *Carya*  
Near #21188  
Frequent  
Recent

21192 *Polygonum* fl. white  
along Little River  
2 mi. up stream from  
bridge on route 15  
Common.

21193 *Aster prenanthoides*  
rays purple.  
up Little River 2 mi. from  
bridge on route 15  
Common - showy  
Recent.

21194 *Cuphea petiolata*  
In pasture near  
#21188. Common  
Recent  
From Lythraceae.

21195 *Santhus brachiatus*  
up Little River in pasture  
near #21188  
Common.  
Recent.

21196 *Chrysanthemum*  
*leucanthemum*.  
In pasture near 21188  
Rare in fl. in fall.  
Common.  
Recent.

ditto

ditto

ditto

ditto

ditto

ditto

Anter Rays bluish.  
21197 up Little River 2 mi.  
from bridge on route 15.  
Common  
Recent  
In damp soil

10/5/52  
H.A. A  
Recent

21198 *arctium lappa*  
up Little River 2 mi.  
from bridge and route 15  
Common  
Recent

ditto

21199 *Anthopanthium odoratum*  
In pasture near # 21197  
Rarely blooming so late.  
Spring blooming sp. Common.  
Recent.

ditto

21200 *Aster paniculatus*  
rays white  
Near 21197  
Common.  
In low ground; recent

ditto

21201 *Vernonia*  
up Little River near  
bridge on route 15  
Common  
Recent.

ditto

21202 *Panicum*  
In swale near bridge  
on route 15 up Little River  
Occasional  
Recent.

ditto

21203 *Acer negundo*  
Near # 21202  
near bank of Little River  
Frequent  
Recent

ditto

21204 *Desmodium*  
along Little River at  
bridge on route 15  
Frequent  
In damp soil  
Recent.

10/5/52  
H.A. A  
Recent.

21205 *Paspalum* <sup>*circulare Nash.*</sup>  
In swale near # 21204  
Frequent  
Recent

ditto

21206 *Acer rubrum*  
Near # 21197  
Common  
Recent.

ditto

21207 *Aster purpureus*  
up Little River along  
small tributary 2 miles from  
bridge on route 15  
Common.

ditto

21208 *Fraxinus*  
Near # 21207  
Frequent  
Recent.

ditto

21209 *Leersia*  
Near # 21207  
Frequent  
Recent. In wet soil

ditto

21210 *Empatorium perfoliatum*  
var. *purpureum*  
Rays purplish red.  
Infrequent.  
Near # 21207 Recent.

ditto

*Morus rubra*.  
2 mi. up Little River from  
bridge on route 15.  
21211 Infrequent.  
Recent.  
10/5/52  
Recent.  
H.O.A.

21212 *Rudbeckia*  
In pasture near  
# 21211. Flowers in  
early summer; this delayed.  
Common Recent  
ditto

21213 *Rosa*  
1 mi. up Little River from  
bridge on route 15  
Infrequent.  
Recent.  
ditto

21214 *Rubus phoenicolasius*  
In pasture on right  
bank Goose Creek near # 15  
Diabase  
Frequent.  
On this = *Cuscuta*  
10/19/52  
Goose Creek  
near route 15.

21215 *Polygonum cristatum* In pasture  
twining clockwise  
ie. advancing up  
subvent right to left →  
# 21214  
Common  
ditto

21216 *Cuscuta* on *perilla*  
on rocky outcrop, diabase  
on *Perilla* near route 15  
Common.  
ditto

21217 *Helianthus multiflorus*  
In alluvial meadow  
along Goose Creek near route 15  
Frequent. Diabase  
ditto

*Polygonum* fl. white  
Recent on alluvial flood  
plain along Goose Creek  
21218 near route 15  
Common.  
Recent.  
10/19/52  
di

21219 *Sicylis glomerata*  
In pasture near # 21218  
on recent alluvial flood plain  
a number of flowering stems.  
Common in  
midsummer. There very  
late fl.  
ditto

21220 *Polygonum* fl. deep pink  
with # 21219  
Frequent  
Recent - alluvial - damp  
soil.  
ditto

21221 *Urticaceae*  
on alluvial flood plain  
2 miles down Goose Creek near  
route 15 - Very common  
ditto

21222 *Carya cordiformis*  
near # 21221 - on edge  
of stream bank. Tree very  
large. Frequent, fruit  
falling constantly abundant.  
Almost alluvial.  
ditto

21223 *Solidago caesia*  
Along steep, diabase  
rocky bank along Goose Creek  
down stream from route 15  
Frequent. A woodland sp.  
ditto

21224 *Galium circaezans*  
with # 21223  
Frequent.  
Diabase.  
ditto

*Aster cordifolius* -  
rays white very long, attenuate 10/19/52  
along Goose Creek near route 15  
21225 on steep rocky diabase bank.  
Frequent.

21226 *Aster oblongifolius* Nov. 2, 1952  
On conglomerate cliffs N.A.A.  
along Potomac River at mouth of  
limestone branch - infrequent

21227 *Polypodium vulgare* L. var. *virginianum* (L.) Eaton  
Nov. 16, 52  
on red sandstone and red shale  
cliffs of Ball's Bluff south of N.A.A.  
these bluffs about 2 miles. Common

21228 *Mitchella repens*  
Near above on top of cliffs ditto  
infrequent.

21229 *Asplenium platyneuron* (L.) Oakes ditto  
In decid. dry woods  
on slopes of red s.s. and shales about  
2-2 1/2 mi. south of Ball's Bluff  
common

21230 *Gaultheria procumbens*  
In woods near # 21228 ditto  
infrequent.

21231 *Dryopteris marginalis* (L.) Gray ditto  
On red shales and sandstone  
slopes near # 21227  
Common.

*Urtica dioica* (Nov. 16/52)  
On flood plain below N.A.A.  
21232 cliffs of Ball's Bluff along  
River (alluvial) ditto  
very common. Potomac.

21233 Liverwort.  
On wet soil on red s.s. and  
shales in wet ravine just  
north of Ball's Bluff outcrop. ditto  
Nov. 9  
1952

21234 *Equisetum hyemale* L.  
var. affine (Engelm.) A.A. Eaton  
along brook in mud south of route 7  
flowing into Goose Creek - in heavy decid.  
woods. Large colony here. 3/1/53

21235 In Allard's front lawn Arlington, Va.  
*Cardamine hirsuta* L. 3/13/53  
Large colony here appeared this spring.  
Taste peppery. Have eaten it as a salad; good.

21236 Same as # 21235  
3/17/53  
*Cardamine hirsuta* L. (Arlington, Va.  
3000-7th St. N)

21237 Same as 21235 ditto  
*Cardamine hirsuta* L. 3-21-53

21238 same as 21235  
*Cardamine hirsuta* L. 3/25/53

*Hepatica americana* L. *f. candida* Fr.  
flowers deep rose, in decid woods  
21239 up Goose Creek from route 7,  
on left bank up 2 miles. 3/22/53  
Diabase.

uncommon (this deep rose), but  
intermingled with blue and white forms

21240 *Hepatica americana* L.  
fl. pure white, *f. candida* Fr. 3/22/53  
with # 21239; very abundant

21241 *Berteris thurbergii* DC.

Near # 21239  
Frequent here in heavy deciduous woods  
all along Goose Creek, both  
sides up and down from route 7 3/22/53

21242 *Cardamine parviflora* L. Culpeper Co  
Edge woods, inside west of  
Burgard Knob (first peak) a colony  
here; infrequent. Diabase. 3/29/53

21243 *Callitriche palustris* L. west slope ditto  
in water along R.B. grade Burgard Mt., 1st peak  
below quarry and pool.  
Diabase.

21244 *Anemoneella thalictroides* ditto  
On west slopes second peak of  
Burgard Mt. Culpeper Co  
Diabase

21245 *Dentaria laciniata* Mill. ditto  
3/29/53

*Hepatica americana* 3/29/53  
COJ Kn  
on west slope Burgard Mt.,  
Culpeper Co

21246 2nd peak. woods  
frequent. } *f. candida* Fr.  
Diabase }

21247 *Gramineae*  
Frequent in dry, rocky soil ditto  
Diabase } *f. candida* Fr.

21248 *Carex* ditto  
with # 21246  
Diabase.  
Frequent in woods.

21249 *Asplenium*  
on ledges with # 21246 ditto  
Frequent.

21250 *Obolaria virginica* L. ditto  
Infrequent here (one plant)  
Diabase fl. deep purple.  
Near # 21246.

21251 Moss on wet rocks near  
top second peak, west slope of ditto  
Burgard Mt. 3/29/53  
Culpeper Co  
Diabase.

21252 On wet rocks near  
# 21251. Diabase ditto

*Hepatica americana*

- 2/ 21253 Moss  
On wet rocks on west slope of  
2nd peak of Buzzard Mt.  
3/29/53 Culpeper Co.  
Frequent  
Diabase

- 2/ 21254 On mud and wet soil  
on way to west slope of 1st peak  
of Buzzard Mt. Culpeper Co.  
3/29/53  
Sclerophyllous  
Frequent Diabase
- 2/ 21255 *Amelanchier canadensis* (L.) Mill.  
On top of first peak of  
Buzzard Mt.; west slope. 3/29/53  
Frequent.

- 2/ 21256 *Barbarea verna* (Mill.) Achn.  
On rocky slope near # 21255  
Frequent. Diabase  
3/29/53

- 2/ 21257 On thin soil near  
# 21256 *Antennaria parlinii* Torr.  
Common ditto.

- 2/ 21258 *Antennaria plantaginifolia*  
*Scutellaria laciniata* Muhl.  
on top of first peak near  
# 21256. Common ditto

- 2/ 21259 *Aralia laevis* (Muhl.) Pers.  
In dry rocky soil on first  
peak near # 21255  
Frequent. Diabase ditto

*Amelanchier canadensis* (L.) Mill.

- 2/ 21260 Near # 21255  
Occasional - (several) seen  
only. Diabase  
3/29/53

- 2/ 21261 *Chimaphila maculata* (L.) Pursh  
On dry, wooded slope 2nd peak  
of Buzzard Mt., Culpeper Co., Va.  
Diabase 3/29/53  
Common all over.

- 2/ 21262 *Hepatica americana*; fl  
Highland.  
With # 21261, common, ditto  
with white flower also

- 2/ 21263 *Amelanchier canadensis* (L.) Mill.  
(Chim.) along east fence  
of Allard's back-yard along Garfield St.  
Small flower, very showy

- 2/ 21264 *Aplectrum hyemale* (Muhl.) Torr.  
Near # 21261 ditto  
Frequent.

- 2/ 21265 *Cardamine hirsuta* L.  
In Allard's front yard  
First appearance this spring 1953  
4/2/53 3/21/53

- 2/ 21266 *Amelanchier canadensis*  
In Allard's wild flower  
garden near cage. 4/5/53

2112  
Carex  
In rich soil in deciduous  
woods 3/4 mi. south of route 7  
on right bank of Goose Creek  
2/267 down  
diabase  
Frequent  
diabase  
April 12, '53

2/268 *Vicia caroliniana*  
near # 2/267  
rich woods  
ditto diabase  
Frequent. Full flower.

2/269 *Silene caroliniana* Walt.  
var. *penneyana* (Michx.) Fern  
In woods near # 2/268  
Frequent. fl. deep pink (diabase)  
ditto

2/270 *Potamogeton*  
In old pasture edge  
of woods; full bloom near  
route 7, just south of route 7 on right  
bank of Goose Creek.  
ditto

2/271 *Rhus aromatica* Ait.  
In dry woods just south of  
route 7, on right bank of Goose  
Creek down. Frequent.  
ditto

2/272 *Lithospermum canescens* (Nutt.) Link.  
fl. yellow; stems in a clump  
on a dry bank in pine woods by roadside  
route 7, 1/2 mile east of Goose Creek 4/19/53  
Rare

2/273 *Dodecatheon media* L.  
In damp open spot in decid. woods  
3/4 mile east of Goose Creek, and 1/2 mi.  
south of route 7. Just in fl.; a large  
colony; a handsome plant; first of sh.  
diabase  
ditto

*Conyolobis americana* L. Wallr.  
In oak woods east of Goose  
Creek and south of route 7  
2/274 Common  
Diabase  
April 19, 1953

2/275 In wet soil on red sandstone  
outcrop 2-2 1/2 mi. south of  
route 7 and east of Goose Creek,  
in woods along brook.  
ditto  
*Cardamine hirsuta* L.

2/276 *Ranunculus abortivus* L.  
In dry woods on bank of  
brook near # 2/275  
Red sandstone formation  
ditto

2/277 *Luzula chinita* (Lam.) Kunze  
In banks of brook 2-2 1/2 mi.  
south of route 7, and east of  
Goose Creek. Recent soil  
on diabase  
ditto

2/278 *Cardamine hirsuta* L.  
On bank of brook 2-2 1/2 miles  
south of route 7 and east of  
Goose Creek. Diabase  
ditto  
*Cardamine hirsuta* L.

2/279 *Ranunculus hispidus* Michx.  
along brook on Red sandstone  
2-2 1/2 mi. E. of route 7 and east of  
Goose Creek. Common.  
ditto

2/280 *Anthriscum odoratum* L.  
along brook in woods near  
2/275 - Red sandstone.  
Just in flower  
ditto

*Cardamine hirsuta* L.  
on bank in pasture -  $2\frac{1}{2}$  mi. N  
of route 7, and east of Goose  
creek  $1\frac{1}{2}$  mi. Infrequent.  
on red sandstone. 4/19/53

21282 *Arabis thaliana* (C) Heyn.  
In old pasture near  
\* 21281. Common  
Red sandstone. ditto

21283 *Cerastium*  
In old pasture with  
\* 21281. Common  
on red sandstone. ditto

21284 *Veronica hederifolia* L.  
In old pasture near  
\* 21282. Large colony -  
On red sandstone. ditto

21285 *Barbarea verna* (Mill.) Anders.  
Near \* 21284. Common  
on red sandstone hill  
in thin woods in pasture ditto

21286 *Potentilla canadensis* L.  
Common in old brook edge  
pasture on red sandstone.  
Abundant. Near \* 21282. ditto

21287 *Krifia virginica* (L.) Willd.  
In old brook edge field  
north of route 7  $2\frac{1}{2}$  miles  
with 21282. Red sandstone ditto

*Mentha* -  
In opening in woods 4/19/53  
2 miles north of route 7  
21288 and east of Goose Creek.  
Not in flower. - *Pycnanthemum*  
Diabase. *micranthum* (Michx.)

21289 *Anthoxanthum odoratum* L.  
In damp spot in decid.  
woods near \* 21288. ditto

21290 *Luzula echinata* (Sw.) Kunze  
along bank of brook  
near \* 21289. Diabase soil  
in woods. ditto

21291 *Ranunculus abortivus* L.  
In alluvial soil near  
brook in woods near \* 21290  
Diabase. ditto

21292 *Taraxacum officinale* Weber  
Near \* 21291 ditto  
Diabase  
On brook bank

21293 *Carex* in wet  
soil in open woods  
near \* 21290. *Carex lasiocarpa* Boott ditto  
Large colony - in mud  
infrequent. Diabase

21294 *Barbarea vulgaris* R. Br.  
Near \* 21293 ditto  
Diabase.

*alliarica officinalis*, Andry.

In moist soil in open woods  
2 miles N. of route 7 and

- 21295 east of Goose Creek. { 4/19/53  
Full flower; very  
common.

- 21296 *Viola pennsylvanica* Michx.  
yellow- var.

In dry woods 1-1 1/2 mi. N. of  
route 7 east of Goose Creek  
Diabase

ditto

- 21297 *Viola cucullata* Ait.

blue  
In damp woods 2 miles N.  
of route 7 and east of Goose  
Creek; frequent Diabase

ditto

- 21298 *Carex* & *Oxalis* (imm.)  
Very large.

In same spot - muddy soil  
with #21293

Infrequent. Diabase

ditto

- 21299 *Cardamine hirsuta* (L.) B.S.P.

On bank of brook in woods  
in damp soil, 1 mile north  
of route 7 and east of Goose Creek  
Diabase

ditto

- 21300 In damp soil in open  
woods north of route 7, and  
east of Goose Creek -

*Barbarea verna* (Mill.) Aschers.

1/2 mi. north of route 7 - Diabase

ditto

- 21301 *Dentaria heterophylla* Michx. Ait.

Down Goose Creek below route 7,  
left bank in red sandstone soil.  
*Colinus* full bloom - much later  
than *D. laevigata* and less common

ditto

*Ligustrum vulgare* L.

Frequent along Goose Creek  
left bank down stream

- 21302 from route 7. Escape

4/22/53

- 21303 *Luzula echinata* (L.) Vasey  
2 miles down Goose Creek ditto

from route 7. On dry wooded  
slope red sandstone

also an immense sedge. Carex: Ovales.

- 21304 *Carex canensis* Dewey

Near #21303 -

same locale.

ditto

Common  
Red sandstone

- 21305 *Lilium rubra* in

fruit. On red sandstone  
knob near #21303

ditto

Frequent

- 21306 Green alga *Spirogyra* 2  
In shallow pool at quarry

at bridge over Goose Creek  
on route 7. Diabase quarry.

ditto

- 21307 *Arabis*

along Goose Creek down stream  
from route 7; frequent; full flower.

ditto

- 21308 *Arabis laevigata* (Mill.) Poir.

along Goose Creek down from  
route 7, left bank - alluvial  
soil. Frequent.

ditto

Full bloom.

*Senecio aureus* L.  
Left bank down Goose Creek  
from route 7. Alluvial 4/22/53  
21309 or recent  
Frequent; full bloom.

21310 *Oxalis filipes* Schult.  
In crevice at diabase quarry ditto  
on Goose Creek at bridge on  
route 7. Occasional. Very showy

21311 *Phacelia rannunculacea* (Nutt.) <sup>constant</sup>  
In Allard's garden, appearing  
spontaneously years ago. Full flower  
4/23/53

21312 *Marek* - In moist upland deciduous  
woods east of Goose Creek  
and 1-1 1/2 mi. north of route 7. 4/26/53  
Very common on flood plain here  
also in deciduous woods. H.A. Allard.

21313 Mature plants of  
*Cardamine hirsuta* L. 4/29/53  
In Allard's garden in front yard  
spontaneously appeared in numbers for first  
time in 1953.

21314 *Veronica* in Allard's front yard  
with # 21313

21315 *Lithospermum canescens* (Michx.)  
In dry soil on bank on  
route 7 in pines on route 7 to  
Leaburg on diabase knof 4/26/53  
L.A.

Grass on diabase knof - 1/2 - 1 mile  
east of Goose Creek - in moist  
soil 4/26/53  
21316 H.A. Allard  
In deciduous woods,  
*Melica umbellata* Walt.

21317 *Arabis*, <sup>2</sup> *Cardamine bulbosa* ditto  
In alluvial soil along G.C. & R.S.P.  
brook 3-3 1/2 mi. from route 7.  
On diabase soil - fl. white

21318 *Chacrophyllum procumbens* (L.) ditto  
In alluvial soil along brook (C) <sup>cray</sup>  
near # 21317

21319 *Utricularia perfoliata*.  
In moist soil 1/2 - 1 mile east of  
Goose Creek and 1/2 mile north ditto  
of route 7. Diabase common  
Near Doctheon, copiously (see notes)

21320 6.5-7 pH, soil sticky black clay.  
Small blomed *Ranunculus* ~~hispidus~~  
with # 21319 - same soil, pH etc. ditto  
6.5-7. Common. *Ranunculus* L.

21321 Large-flowered *Ranunculus* *R. hispidus*  
with # 21319 - Common in  
colonies. pH. 6.5-7. Same soil ditto  
above. Common.

21322 *Arisaema atrorubens* (L.) Blume  
*Sama zebry* <sup>in</sup> ditto  
with 21319, 21320, 21321 - (See notes)  
Common  
pH - 6.5-7 (see notes)

*Carex torta* Boott  
 In wet soil along break (boggy)  
 diabase  $\frac{1}{2}$ -1 mi. East of Goose Creek - H.A.A.  
 2/323  $\frac{1}{2}$  mi. N of route 7.  
 In clumps.

2/324 In woods near Balls  
 Bluff Cemetery; host fl.  
*Viburnum* <sup>conglomerata</sup> <sub>prunifolium</sub> L. 5/3/53 }  
 Common. H.A.A. }  
 2/325 *Viola pedata* L.  
 Bi-colored: two petals  
 deep purple and pale red)  
 on red sandstone, about 2 mi. ditto  
 down Potomac from Balls Bluff  
 common in dry woods. Cemetery  
 2/326 *Polygonatum biflorum* (Walt.) Ell.  
 In woods near # 2/325 ditto  
 common. just in fl.  
 on red sandstone & shale. ditto.

2/327 Grass *Poa angustata* Nutt.  
 on slope from Cemetery ditto  
 at Balls Bluff to River below -  
 frequent in decid woods  
 conglomerate.  
 2/328 Fungus on leaves of  
*Claytonia virginica* V. on  
 top bluff (cong) 2 miles down ditto  
 Potomac from cemetery (Balls  
 Bluff. Rust: *Puccinia mariae* - Wilson g.w. dist.  
 2/329 *Orobanche uniflora* L.  
 Occasional. Near # 2/328 ditto  
 5/3/53

In dry open woods - top  
 cong. cliffs 2-2 $\frac{1}{2}$  mi down  
 Potomac from Balls Bluff 5/3/53 }  
 2/330 Cemetery. frequent H.A.A. }  
*Carex willdenowii* Schb.

2/331 *Acer saccharum* <sup>march</sup>  
*forma glaucum* (Schmidt) Pax ditto  
 On cliffs near # 2/330  
 infrequent or occasional  
 in area.

2/332 Grass *Poa sylvestris* a. gray  
 Near # 2/331 ditto  
 frequent  
 on top cong. bluffs (Bickler) Smith  
 Also *Schizanthus liliifolia*  
 2/333 *Smilacina racemosa* (L.) Desf. <sup>cyllindrica</sup> Fernald  
 Top of cliffs in woods near  
 # 2/331 - Red sandstone & shales ditto

2/334 *Dicentra canadensis* (Goldie) Walp.  
 On cong. cliffs (top)  $\frac{1}{2}$  mi  
 down Pot. R. from Balls Bluff ditto  
 cemetery. Abundant here -  
 but very local - (woods)

2/335 *Viola sororia* (Willd.) Willd.  
 In rich woods with # 2/334  
 frequent. Ph of soils here  
 7.00-8.00. moist, still dark brown ditto  
 loam - rich.

2/336 *Oxalis violacea* L.  
 with # 2/335. ditto  
 common. Ph 7.00-8.00

Veronica. In woods on top  
Cong. bluffs 1 1/2 mi down Pot. R.  
21337 from Balls Bluff cemetery 5/3/53  
Common *V. hedbergia* L.  
fls - 7.00 - 8.00

Near # 21334 - 21336

21338 Carex  
with # 21337.  
Soil fls 7-8.00

ditto

21339. In same soil  
near # 21337.  
Frequent. *Carex laxiflora* Lam.

ditto

21340 Trailing Rubus. Plant A.  
with tif rooting habit.  
Just in flower. In decid.  
woods near 21337 - occasional  
fls 7.00 - 8.00.

ditto

21341 Root of Rubus A above  
or 21340 -

ditto

See also 21340

21341 = *Jeffersonia diphylla* (L.) PERG. L.

21342 *Asarum canadense*  
In dark brown, moist, rich  
loam soil at foot Cong. bluffs  
1-1 1/2 mi. down Pot. R. from  
Balls Bluff cemetery. Common; in large  
colonies; full fl.

ditto

21343 *Arabis laevis* (L.) (L.) 5/3/53  
on conglomerate cliff. fls. H.A.A.  
1 1/2 mi down Pot. R. from  
Balls Bluff Cemetery. Frequent

*Chelidonium majus* L. 5/3/53

On Cong. cliffs with # 21343 - strong  
21344 Supergent, local. Rare  
seen only here on Triassic.

21345 Grass. On alluvial flood  
plain 1 1/2 mi. down Pot. R.  
from Balls Bluff Cemetery  
Frequent. *Poa patens* L.

ditto

21346 *Galium aparine* L.  
with # 21345 - recent,  
alluvial; common.

ditto

21347 *Veronica polita*  
On dry bank at Balls Bluff  
Cemetery - frequent.  
= *V. serpyllifolia* L.

ditto

21348 *Sedum ternatum* Michx.  
On rocks in wooded slope  
down to Potomac River flood plain  
from Balls Bluff Cemetery  
Common - on rocks; bluffs.

ditto

21349 *Houstonia purpurea* L.  
On dry wooded hillside  
down rocky slope to flood plain  
of Pot. R. from Balls Bluff  
Cemetery. Common.

ditto

21350 *Ranunculus*  
of alluvial flood plain  
of Pot. R. 1/2 mi. down from  
Balls Bluff Cemetery.  
Common.

ditto

*Glechoma hederacea* L. var. { 5/3/53  
 on flood plain of Pot. R. near Pot. River, near Balls Bluff Cemetery  
 21351 Bluff Cemetery  
 Very common.  
 Recent.

21352 *Cardamine hirsuta* ditto  
 In waste ground at  
 Balls Bluff Cemetery = *Arabis lyrata* v.  
 Conglomerate  
 Occasional.

21353 *Ayalea* ditto  
*Rhododendron nudiflorum* (L.)  
 In dry woods near Balls Bluff  
 Cemetery - Conglomerate  
 Occasional - local.

21354 *Crataegus pruinosa* (W. & A.) K. K. ditto  
 Near # 21353; full flower  
 In frequent.  
 Conglomerate

21355 *Crataegus pruinosa* (W. & A.) K. K. 5/4/53  
 In Allard's yard. H.A.A.  
 Stamens 20.  
 Full flower 5-1-53

21356 Fungus on dead log of sycamore  
 along Potomac R., below Balls  
 Bluff. Very abundant. May 10, 1953  
 H.A. Allard.

21357 *Equisetum arvense* L. typical 5/10/53  
 on bank on route 7, 1 mi  
 east of Leesburg. (Conglomerate?)  
 Common.

*Nasturtium officinale* R.A. 5/10/53  
 In wet meadow and track near  
 21358 # 21357. Frequent. H.A.A.  
 Conglomerate(?)

21359 *Hydrophyllum canadense* L. ditto  
 Along Pot. River below  
 Balls Bluff in rich loam  
 below shale (red) cliffs and conglomerate  
 Common - abundant here just above flood plain  
 ph = 8.00

21360 *Caryophyllus* ditto  
*Thalictrifolius* L. ditto  
 In same soil, locality etc  
 with # 21359. Abundant here.  
 ph = 8.00. Part fl.

21361 strictly on or near flood plain.  
*Cyatopteris fragilis* (L.) Presl. In same  
 soil, locality etc with # 21360 ditto  
 Frequent. ph 8.00.

21362 *Arabis laevis* (Muhl.) R. & S. ditto  
 one mile N of Pot. River from  
 Balls Bluff Cemetery in talus  
 dark brown heavy soil (rich) at foot  
 of cliffs - red shale and Cong. Frequent  
 part fl. Soil ph = 8.00 at roots.

21363 *Asplenium trichomanes* L. in crevices ditto  
 of cliffs near # 21362; Frequent.  
 Soil at roots - dark brown loam  
 ph = 8.00 showing Calcium present.

21364 *Viburnum acerifolium* L. ditto  
 on edge at foot of red shale cliffs 1 1/2  
 mi. north of Balls Bluff Cemetery.  
 Common; in bud; ph = 5.00 - very acid  
 owing to slope and leaching - a dark brown  
 gravelly loam

*Parthenocissus quinquefolia* (L.) <sup>5/10/53</sup>  
*forma tiranta* (Dun.) <sup>Ha. a</sup>  
with # 21364. At edge of  
21365 red shale cliffs - same  
soil etc. Common. ph. soil = 5.00  
= very acid

21366 *Dioscorea quaternata* (Wall.) J. F. Muel.  
In same soil and locality  
on red shale knof near # 21365 ditto  
Common. Soil dark brown loam  
with ph 5.00 = very acid

21367 *Salvia lyrata* (L.) (bl. blue)  
just in fl. Common. In thin  
open woods on slope of red shale ditto  
knof. Soil rather thin, dark brown  
= ph. 5.00 (very acid)

21368 *Dewberry* (*Rubus*) (L.)  
arching, but freely tip rooting,  
producing long, prostrate vines - ditto  
In open thickets with # 21367. Abundant  
here. Soil ph. as above = 5.00.

21369 *Aster* - large leaves and big colony  
at foot of red shale knof near # 21368. ditto  
Native fl. Soil usually acid, with *Salvia*  
present. Near brook. Infrequent

21370 *Vaccinium stamineum* L. ditto  
with # 21368. Common. Abundant  
here. Soil ph = 5.00. full flower.

21371 *Crataegus crus galli* L. ditto  
with # 21370 and 21368.  
Red shale. Common  
Part fl.

*Veronica* In damp soil  
by brook, at foot red shale knof 5/10/53  
1 1/2 mi. north of Balls Bluff  
21372 Cemetery. Frequent. Ha. a  
Near # 21369.  
*V. serpyllifolia* L.

21373 *Gigelia aurea* ditto  
In woods on red shale  
knof 1/2 mile north of Balls Bluff  
Cemetery. Frequent. Soil acid. ph 5.00  
= *Thaspium barbinode* (Michx.) Nutt.

21374 Cultivated onion set 5/2/53  
Allard's garden.  
Full bloom May 2; much  
visited by honey bees.  
*Allium cepa* L.

21375 *Rubus flagellaris* 5/3/53  
In rich woods 1 1/2 mi.  
down from Balls Bluff  
Cemetery. Frequent. *Medicago lupulina* L.  
Just in flower: tip rooting, long trailing

21376 Same as 21337-38-39. ph. soil = 8.00  
*Trifolium procumbens* L. ph = 6.5  
Near Limestone Branch near  
route 15 - on conglomerate soil 5/17/53  
near cong. boulders overlaid with red shale  
and sandstone

21377 Common. ph = 6.5  
*Salvia lyrata* - In pasture on limestone  
conglomerate outcrops. 1 mile down 5/17/53  
Limestone Branch from route 15  
Full flower; showy; frequent. ph = 6.5  
21378 at roots.

*Geranium carolinianum* L. var. *confertiflorum* ditto  
Near 21377. Frequent. *Geranium*  
In limestone conglomerate soil. *Geranium*  
ph = 6.5

- ~~Triostema angustifolium~~ 5/17/53  
 On limestone cong. soil, 1 mi.  
 down Limestone Branch from  
 21379 route 15. frequent.  
 ph 6.5-7. Hybanthus concolor  
 Near cong. boulders. (T. F. Torst.) Spring  
 = Cubelium concolor.  
 21380 Carex amphibola Steud. var. <sup>Tringida</sup> <sup>var.</sup>  
 growing in crevice on ditto  
 limestone cong. ledge (v.a.g.)  
 near # 21379; ph at water -  
 in rich black humus soil = 8.00  
 21381 Arenaria serpyllifolia L.  
 on thin soil on limestone ditto  
 conglomerate near # 21379  
 at edge of red shale and sandstone  
 overlaid on conglomerate. Common.  
 ph. 6.5.  
 21382 Grape growing on limestone ditto  
 conglomerate ledge near # 21379  
 frequent. Vitis vulpina L.  
 21383 Henckera americana L.  
 growing on limestone ledges ditto  
 near # 21379. Common,  
 abundant here; just in fl.  
 black humus soil at foot = ph 8.00.  
 21384 Oxalis stricta L.  
 in rich limestone cong. ditto  
 soil near # 21379  
 common  
 21385 Bromus commutatus Schrad.  
 in limestone cong. soil ditto  
 near # 21379.  
 ph. 6.5-7.00

- ~~Genus Veronica~~ 5/17/53  
 At edge of limestone conglomerate  
 1 mi. down limestone branch  
 21386 from route 15. a number of Genus Veronica  
 plants of this Genus here; my (Ref) T. 19.  
 first found in Triassic area  
 Rare. ph in rich, dark  
 brown soil = ph 8.00  
 21387 Scutellaria nervosa. Pursh ditto  
 in grassy, damp meadow soil,  
 dark red brown soil, near # 21379  
 ph = 7.00. Infrequent.  
 21388 Arisaema atrorubens (L.) Blume ditto  
 forma viride (Engelm.) Fernald  
 in rich, red brown loam soil  
 at edge of coarse limestone boulder  
 ph = 8.00  
 21389 Carex ditto  
 on cong. cliffs near # 21386  
 ph = 6.5-7.00  
 21390 Grass. ditto  
 Near # 21385 -  
 ph = 6.5-7.00  
 frequent. Poa trivialis L.  
 21391 Large colony ditto  
 near # 21388 close to  
 limestone cong. boulder.  
 Infrequent. ph. 7.00-8.00  
 Aruncus ? Aruncus dioicus (Walt.) Kern.  
 21392 Rhus - growing from soil  
 at foot limestone boulders  
 of conglomerate  
 ph. = 7.00-8.00  
 Rhus radicans L.

Rubus - in dense thickets; 5/17/53  
 full flower. These on soil on limestone  
 conglomerate, 1 mi. down limestone  
 21393 branch - 3-4 ft. arched, erect.  
 plant A

21394 Carex amphibola stem in *terrestris* form  
 at foot of limestone cong. boulder ditto  
 near # 21393 - ph 8.00  
 soil dark red brown.

21395 Rubus ditto  
 In dense thickets on limestone  
 cong. soil 1 1/2 mi down from route 15  
 on Limestone Branch. floriscane.  
 Common. pinocane of plant A. *epilobium* form.

21396 Smilacina racemosa (L.) D. Don  
 growing beside # 21386 - ph = 8.00 ditto  
 same dark brown soil beside  
 large limestone - Cong. boulder. Common  
 very vigorous clump here.

21397 Carex. Beside # 21396 ditto  
 ph. soil 8.00

Cave Blanche Dam

21398 Crataegus viridis-gallia.  
 1 1/2 mi. down loose free from  
 route 7. Common. Very large, round-  
 headed tree 15-20 ft. tall. Full flower  
 showing. ph. 6.5-7.00 around.

21399 Ellisia myrtalea L. ditto  
 growing beside or near # 21396  
 ph - here 7-8.00  
 common.

Carex. On limestone cong.  
 shelf of ledge, 1 mile down  
 21400 Limestone Branch from  
 route 15, 1 mile. { May 17, 53  
 Common H.A.A.

Carex conjuncta Britt  
 21401 Lepidium campestre (L.) R. Br. ditto  
 on limestone conglomerate  
 outcrop near # 21400  
 Very common.  
 ph. = 7.00 soil dark brown.

(21402) ~~Carex~~ Carex ditto  
 on limestone conglomerate  
 growing near Smilacina racemosa (21396)  
 near # 21396. Common  
 ph = 8.00

21403 Carex in pasture on  
 conglomerate outcrops 1 mi. down ditto  
 Limestone Branch - ph = 6.5-7.00  
 Common. In lush greenish blue  
 grass and white dross. C. modesta Mack.

21404 Ellisia myrtalea. Growing ditto  
 near 21398. ph soil = 6.5-7.00  
 Tiny white fl. growing at edge of red sandstone  
 and shale thin overlay upon outcrop of  
 limestone cong. soil red brown like (L) Poll. ditto  
 ph = 6.5. - with also 21376 etc. Vallerianella olitoria

21405 Ranunculus carolinianus Y. var. confertus  
 growing with # 21404 - flower form ditto  
 common. same soil, location etc.  
 soil ph 6.5

21406 Liparis lilifolia (W. Richard) May 24/53  
 Rich woods 1/2 mile from route 7  
 1/2 mile east of Goose Creek.  
 Diabase hill. Several colonies  
 in full fl. ph. at roots 5.5-6  
 Dark clay - no sun

Grass-

1 1/2 mi N. of route 7  
29407 east of Goose Creek  
In heavy woods,  
Loudoun Co.  
*Festuca obtusa* Bickler

29408 *Veronica officinalis* L.  
In moist woods near  
\* 21407 Common. ditto

29409 *Hieracium versum* L.  
In woods near \* 29407  
Common. ditto

29410 *Lobelia spicata* Lam. var. *sappia*  
fl. white  
In woods near \* 21407  
Frequent ditto  
Diabase.

29411 - Grass -  
In moist woods near  
\* 21407 Frequent ditto  
*Bromus pulegius* L.

29412 Grass  
In wet woods 1 1/2 north ditto  
of route 7. Frequent  
Diabase.  
Near \* 21407 *Sphenopholis intermedia*  
Rydb.

29413 *Carex squarrosa* L.  
In woods by brook in  
damp soil 1 1/2 mi N. of route 7 ditto  
In woods.  
Frequent.

*Chimaphila umbellata* (L.) Rend. 5/24/53

In dry woods 2 1/2 mi. N. of  
29414 of route 7 east of Goose Creek.  
Diabase. Rare in area.

var. *cisatlantica* Bldg

29415 Grass. *Agrostis hiemalis* (Walt.) R. & P.  
In low woods 2 mi. N. of ditto  
route 7 - east of Goose Creek.  
Frequent.

29416 Grass. *Festuca obtusa* Bickler  
In field 2 1/2 mi. N. of route 7 ditto  
east of Goose Creek 1 1/2 mi.  
Common.

29417 *Oenothera fruticosa* L. var. *linearis* (Mill.)  
At edge of field near \* 21416 S. Wats. ditto  
Frequent.  
Diabase.

29418 *Panicum linearifolium* Scribn.  
In field with \* 21417. ditto  
Common.  
Diabase.

29419 *Juncus secundus* Beauv.  
In field near \* 21417 ditto  
Common.  
Diabase

29420 *Houstonia* (fl. bluish) purpurea L.  
On dry bank - near \* 7 ditto  
1 mi. east of Goose Creek.  
Common.  
fl. bluish.

Rubus <sup>Ranx A.</sup>  
tall 3-4 ft. arching heret  
5/24/53  
H.A.A.  
2421 Edge of field 2 1/2 mi.  
N. of route 7, east of  
Goose Creek 1 mi.  
Common.

2422 *Pentstemon digitalis*  
Near # 21421 ditto  
fl. white or whitish to bluish.  
on edge of field in thickets  
Frequent. Diabase. = *P. canescens* Brit.

2423 *Trifolium agrarium* L.  
edge of field near # 21422 ditto  
Diabase.  
Common.

2424 *Sutcliffia parviflora* Michx. ex. Kunth  
(Spring) fl.  
On dry wooded bank just  
N. of route 7, east of Goose Creek 1/2  
mi. Infrequent. ditto  
Diabase

2425 *Carex hirtella* Michx.  
with # 21424 ditto  
Diabase  
Common

2426 *Dianthus armeria* L.  
Near # 21424 ditto  
Common  
Diabase

2427 *Panicum lincifolium* Smiley.  
Near # 21424 ditto  
Common  
Diabase.

*Hypoxis hirsuta* (L.) Coville  
In dry woods near # 21424 5/24/53

2428 *Common*  
*Diabase*.

2429 *Sonchisa* *smallii* Brit.  
with # 21424. ditto  
Common; full fl.  
Diabase.  
In colonies.

2430 *Houstonia missouriensis* L.  
fl. white (pure) ditto  
Near # 21424.  
Common  
Diabase.

2431 *Andropogon quadrifolius* Jacq.  
In rich damp woods (oak)  
1/2 mi. N. of route 7; east of  
Goose Creek 1 mi. Common.  
Full fl; showy. Diabase

2432 *Botrychium virginianum* (L.) Smiley  
In rich woods 1/2 mi N. of 7  
east of Goose Creek 1 mi.  
Frequent. ditto  
Diabase.

2433 *Carex*  
wet soil in woods just N. of  
route 7, east of Goose Creek  
1 mi. Diabase.  
Common

2434 *Carex hirsutella* Michx.  
Near # 21433 ditto  
Common  
wet soil  
Diabase.

*Carex hirsutella* Nutt. 5/24/53  
In wet *Spodiopogon* field  
or pasture near route 7 (north)  
21435 1 mi. east of Goose Creek.  
Common  
Diabase.

21436 In rich woods  $\frac{1}{2}$  mi. N.  
of route 7 (near 21406)  
Common.  
Diabase *Carex hirsutella* Nutt. ditto

21437 *Hieracium*  
Edge of field with 21421  
Diabase  
Common ditto

21438 *Smad*  
Near 21437  
Edge of field  
Diabase *Poa compressa* L. ditto  
Common

21439 *Rubus*  
var. arching, top rooting,  
trailing, edge of field.  
Frequent  
East of Goose Creek 1 mile  
Diabase ditto

21440 *Carex glaucoidea* Tuckerm.  
Edge of field with 21439 ditto  
Dry. Frequent  
Diabase

21441 *Oxalis europaea* *form var. cymosa*  
with 21439 (Small wing) ditto  
Common  
Diabase.

*Rumex crispus* L. 5/24/53  
Near 21439  
Common.  
21442 Edge of field  
Diabase.

21443 *Rhus toxicodendron*  
with 21439 *Rhus radicans* L. ditto  
Common  
4-4  $\frac{1}{2}$  ft tall var. *rydbergii* (Small)  
Diabase (Red)

21444 Moss on bog in pool in  
woods near 21442 ditto

21445 *Potentilla simplex* Nutt.  
Common  
Near 21442  
Diabase ditto

21446 *Eriogonum* *pseudocorymbosum* L.  
*versicolor*  
Not in fl.  
Cut rhizomes pinkish.  
Infrequent.  
Growing edge pool near 21444 ditto

21447 *Galium obtusum* Bigel.  
In woods with 20 mi. N. of  
route 7; 1 mi. east of Goose Creek ditto  
Common. fl. white  
Diabase.

21448 Fungus on grass  
near 21447 ditto  
Infrequent.

Vitis  
2 1/2 mi. N. of route 7  
21449 1-1 1/2 mi east of Goose Creek  
Near muddy pool in woods  
Common  
Diabase  
Near # 21446

21450 Carex decomposita Muhl.  
+ arising big logs in  
muddy pool in woods  
2 1/2 mi. N. of Goose Creek and  
1-1 1/2 mi. east of route 7  
diabase infrequent  
21451 Hay-scented fern  
On bog in pool with # 21450  
Common.

Denastadia punctatula (Michx.)  
21452 Grass in muddy pool  
with # 21450  
Infrequent  
Glyceria septentrionalis Hitchc.

21453 Carex lupulina Muhl.  
In muddy pool with # 21450  
Common  
Diabase.

21454 Carex decomposita Muhl.  
In pool with # 21450  
Infrequent

21455 Prigia dandelion (L.) Nutt.  
In woods near # 21450  
Occasional

Grass -  
In wet soil near pool near # 21450 5/24/53

21456

21457 Carex swanii (Fern.) Muhl.  
At pool in woods and  
near # 21450  
Occasional

21458 white fl. Dicentra  
Cult. Allard's garden. 6/6/53

21459 Sisyrinchium  
On slope Clark Mt., 6/6/53  
Culpeper Co, Va. H.A.A.

21460 Celtis  
On bank Rapidan River 6/6/53  
near Rapidan  
Culp. Co. Forget tree

21461 Lysimachia  
Near # 21459.  
Roadside banks - ditto

21462 Galium  
with # 21459  
In woods. ditto

*Galium*  
on roadside barrens 6/6/53  
21463 woods on Clark Mt. Va. H.A.A.

21464 In woods near # 21463  
*Sanicula*  
Common ditto

21465 *Rosa*. Near So. R.R. west of  
Burgoyne Mt.; old field 6/6/53  
Culpeper Co.

Common; full bl.  
strongly stoloniferous.  
21466 *Apocynum*  
with # 21465 ditto  
Common. Diabase

21467 *Fraxinus*  
with # 21460 along  
Rapidan R. Recent.  
frequent. Recent. ditto

21468 In moist spot near  
# 21465 ditto  
*Siripus*

21469 *Eleocharis*  
with # 21468 ditto

*Carex*  
In dry old field { 6/6/53  
21470 with # 21465 H.A.A.  
Common.

21471 *Panicum*  
with # 21465 ditto  
Common

21472 *Rubus*  
In old field with # 21465 ditto  
Common here; low arching,  
not tip rooting Diabase. Plant A

21473 *Anagallis*  
In old field with # 21465 ditto  
Common. Diabase  
bl. coppery red, not scarlet  
as *trifida* states.

21474 *Quercus marilandica*  
Near # 21465 - ditto  
In thickets; common.  
Diabase.

21475 *Oenothera*  
bl. yellow, showy  
abundant in old field ditto  
with # 21465

21476 *Scleria*  
with # 21465 - in ditto  
same old field.

21476 *grass*

*Verbena* fl. blue 6/6/53

In dry old field near So. R.R.  
2 21477 just west of Buzzard Mt.  
Frequent.

Diabase  
Cul. Co.

2 21478 *Anthony spirea* all over garden  
pink fl. { 6/10/53

2 21479 *Anthony spirea*  
*Anthony waterer* ditto  
fl. white

2 21480 *Silene*  
at junction of Limestone  
Branch and Route 7, N. of  
Leesburg. Cong. ditto  
Frequent. *Lychnis alba* Mill.

2 21481 *Broomrape commutatus*  
with # 21480 schol. ditto  
Common

2 21482 Pasture on thin soil.  
route on cong. rocks 1 mi.  
from Limestone Branch  
near Limestone Branch.  
Common ditto

2 21483 with # 21482 ditto

*Verbascum blattaria* (6/14/53)

fl. yellow  
21484 In pasture near  
# 21483; common,  
showy.

21485 *Verbascum blattaria*  
fl. white ditto  
with # 21484  
Common

21486 *Mint. Thymum canadense* var. *virginicum* (Walt.)  
on limestone cong. ditto to  
near # 21484 - 1 mi.  
from route 7, and near  
Limestone Branch  
white fl.

21487 *Geranium*  
1 mi. from route 7 near  
Limestone Branch on  
cong. outcrop. common. ditto

21488 *Galium concinnum* Torr.  
on cong. ledges ditto to  
near # 21487  
Frequent.

21489 *Sanicula canadensis* L.  
at foot of cong. boulders ditto  
near 21488.

Frequent  
21490 *Heliotropium officinale* (L.) Lam. ditto  
fl. yellow.  
with # 21489  
on cong. soil.

Runoff  
1 mi. from route 7  
near Limestone Branch  
6/14/53  
H.A.A.  
21491 on soil of cong.  
Common.

21492 Amicifuga racemosa  
By cong. boulder  
near 21491  
Frequent.

21493 Circaea  
In damp, shaded soil  
near # 21492

21494 On cong. ledge  
near # 21491  
Rubus occidentalis  
Common

21495 Sibire  
Near # 21491  
Frequent  
Cong. soil

21496 Heuchera  
On cong. ledges  
near # 21491  
Frequent

21497 Vitis  
Near # 21496  
Common.  
Cong. soil.

ditto

ditto

ditto

ditto

ditto

ditto

Lores off  
Eryonmus atropurpureus 6/14/53  
H.A.A.  
21498 Near # 21491  
Low shrubs; not in fl.

21499 Ruellia  
Near # 21491  
Just in fl.  
fl. purple

On cong. soil. Frequent here.  
21500 Brassicaceae  
In pasture near  
# 21491.  
Frequent.

21501 Acalypha  
Near 21491  
Frequent

21502 Physalis  
In pasture by limestone  
cong. ledges near (1/2 mi.) from  
route 7, and near Limestone Branch  
Frequent.

21503 Polygonum  
fl. pink.  
In wet soil along Limestone  
Branch, near route 7  
Frequent. Cong. soil

21504 Saribus  
In wet soil beside route 7  
1 mi east of Leesburg.  
Occasional.

ditto

ditto

ditto

ditto

ditto

ditto

Oenothera

Near # 21504

21505 Frequent.  
Roadside thicket  
Diabase soil.

6/14/53

H.A.A.

21506 Carex  
Near Limestone Branch ditto  
near route 7-in red soil  
cong. soil  
Frequent.

21507 Salix large tree ditto  
Near # 21506  
Along Limestone Branch.  
Frequent.

21508 Rumex crispus 6/22/53  
In Attard's garden, H.A.A.  
3000-7th St. N.  
Ashington, Va  
Plat A

21509 Geum canadense Jacq. 6/28/53  
Along Cub Run just N. of H.A.A.,  
route 150 1/2 to 1 mi. fl. white  
In damp woods along Cub Run  
in alluvial soil. Common.

21510 Scirpus atrovirens Willd. var. georgianus (Fernald) Fun. ditto  
Near # 21509  
Damp soil - on red shales  
and sandstones

21511 Umbelliferae fl. white ditto  
In damp soil near  
# 21510 - 4-5 ft. tall.  
Frequent Cicuta maculata L

Carex

with # 21510  
Frequent.

6/28/53

H.A.A.

21512

Carex tribuloides Wall.

21513 Salix  
In same locality as  
21510. ditto

21514 Carex bushii Mich. ditto  
In moist meadow  
near # 21510  
Scattered - not in clumps.  
Shattering.

21515 Saururus cernuus L. ditto  
In large areas in mud  
along Cub Run just N. of  
route 50. Racemes nodding  
with fragrant, white flowers;  
very attractive. Common

21516 Brassicaceae ditto  
fl. yellow Rorippa islandica  
with # 21510 (Oeder) Barb. var. fernaldiana  
Occasional 2-3 ft. Curt. & Abbe

21517 Santellaria integrifolia L. ditto  
In old field along Cub Run  
N. of route 50 1 mile.  
Frequent. Nearly past fl.  
Red shale & sandstone.

21518 Quercus bicolor Willd. ditto  
In old field with # 21517  
Frequent.  
Small trees.

*Rumex crispus*  
In damp soil along Cub Run  
21519 V. route 50-mile.  
In alluvial soil  
Frequent. Fairfax Co

= *Rumex obtusifolius* L.  
21520 *Oenothera fruticosa* L. var. *linearis* (Walt.)  
In old dry field ditto  
1 mi. N. of route 50, near  
Cub Run. Common. *Pycnanthemum flexuosum*  
On Red shales and sandstone (Walt.) RSP.

21521 *Allium vineale* L.  
forma *capituliferum* (Walt.) Link. ditto  
with numerous flowers.  
In meadow just N. of route 50  
near Cub Run. Frequent  
Red shale and sandstone

21522 *Hypericum spathulatum* (Spach) Shud. ditto  
In dry old field N. of route 50  
1 mile and near Cub Run  
with # 21520 2 1/2 - 3 ft. tall.  
Frequent

21523 *Cornus amomum* Mill. ditto  
In same old field with  
# 21520. Large shrub  
Frequent. Most part bl.

21524 *Hypericum punctatum* Walt. ditto  
with # 21520  
Common.

21525 *Labatae*  
In same old field with  
# 21520 ditto  
Common. Narrow, linear  
leaves. = *P. flexuosum* (Walt.) RSP.  
*Pycnanthemum tenuifolium* RSP.

*Oenothera fruticosa* var. *linearis* (Walt.) Link. 6/28/53  
with very narrow leaves (early Sept.)  
In old field with # 21520  
21526 Frequent.

21527 *Juncus* (tall) *effusus* L. var. *solutus* (Walt.) Link. ditto  
In damp soil near N. of route 50  
and near Cub Run  
Frequent.

21527a *Juncus polyphyllus* (Walt.) Link. ditto  
Red shale and sandstone.

21528 *Lysimachia ciliata* L. ditto  
In moist soil near N. of route 50  
along Cub Run. Recent or  
alluvial soil. Common

21529 *Cryptotaenia canadensis* (L.) DC. ditto  
with # 21528  
Common  
Alluvial soil

21530 *Pycnanthemum tenuifolium* (Walt.) RSP. ditto  
with 21520 - Fairfax Co  
old, dry field. Red shales and  
Common. Sandstone. *Cornus amomum* Mill.

21531 *Oenothera fruticosa* L. var. *linearis* (Walt.) Link. ditto  
with # 21520 (rich) S. W. ab.

21532 *Rubus*  
2 - 2 1/2 ft or 3 ft - ditto  
arching, not tip rooting  
with # 21520  
Common or frequent here

*Rosa carolina* L.  
In old, dry field 1 mi. N. of Fairfax  
route 50, near Cub Run  
21533 with # 21520

Frequent

2-3 ft. fragrant.  
Red shale and sandstone

21534 *Trifolium agrarium* L. ditto  
In old dry field with  
# 21533.

Common. 1-1.5 ft. tall

21535 *Carex* in dense oval  
heads. In moist soil 1 mi. N. of  
route 50, near Cub Run.  
Red shale and sandstone  
Frequent. *Carex squarrosa* L.

21536 *Deerberry* - long running.  
with # 21533. ditto

Plant E - primocane  
Occasional

21537 *Potamogeton diversifolius* Raf.  
In Cub Run at bridge  
of route 50.  
Fairfax Co. ditto

21538 *Apocynum cannabinum*  
Near Cub Run at route  
50. Red shale and sandstone  
Frequent. ditto

21539 *Scirpus atrovirens* Willd  
var. *georgianus* (Hayes)  
In wet soil near (N) of  
route 50 near Cub Run. ditto  
Occasional  
Red shale and sandstone

*Galium obtusum* Bigel.  
In moist soil near route 50.  
at Cub Run. *filifolium* Bigel.  
6/28/53

21540 Fruit smooth.  
In dense colonies  
Red shale and sandstone  
Frequent.

21541 *Gratiola neglecta* Torr.  
Mud and wet soil at  
junction Cub Run and  
route 50 ditto

Frequent. Red shale and  
sandstone  
21542 *Nuphar advena* (L.) Ad. ditto  
In mud and in Cub Run  
at route 50, above and below bridge.  
Stigmatic disk greenish or yellowish.  
Anthers longer than connective.

21543 *Blub* Run 1 mile. Full flower.  
ditto

*Pontederia cordata* L.  
In Cub Run at bridge of route 50  
In frequent on Triassic full fl.

21544 *Cornus* below route 50  
at Cub Run. *Cornus amomum* Willd.  
alluvial soil. ditto  
Large shrub. Dense.

21545 *Plantago* *ragelii* Loudon July 5, 1953  
Old field along Potomac  
at junction with Broad Run  
Red shale and sandstone.  
Common.

21546 In same field with # 21545 ditto  
*Amphelamus albidus* (Walt.) Britt.

*Ostrya virginiana* (Mill.) Koch  
along Potomac at junction  
with Broad Run  
21547 Common.  
7/5/53  
H.A.A.

21548 *Rhus typhina* L.  
Bushy form  
near # 21547. ditto  
Common fruit glabrous.  
var. *oxylobos* (Fernald) B.S.P.

21549 *Plantago aristata* Michx.  
with # 21545. ditto  
Common in dry soil

21550 *Convolvulus sepium* L.  
In old dry field with # 21545. ditto  
Common  
var. *fraterniflorus* (Roth) B.S.P.

21551 *Apocynum cannabinum* L.  
Near # 21547. ditto  
Common  
var. *nummularifolium* (L.) Fernald  
(cf. *ind.*)

21552 *Patentilla norvegica* L.  
In same field with # 21545. ditto  
Common

21553 *Trifolium arvense* L.  
In old field with # 21545. ditto  
Common in dry, poor soil

*Hypericum perforatum* L.  
along Broad Run near  
junction with Potomac  
21554 Common.  
Red shales and sandstone.  
7/5/53  
H.A.A.

21555 *Hypericum spathulatum* (Spach) Standl.  
(shrubby)  
along Potomac near # 21547. ditto  
Common

21556 *Rudbeckia serotina* Nutt.  
along Broad Run near  
junction with Potomac. ditto  
Near # 21554

21557 *Pleurocarpus opulifolius* (L.) Maxim.  
with # 21547. ditto  
Common

21558 *Hystrix patula* Moench.  
on bank near # 21547. ditto  
Common  
Near # 21547

21559 *Justicia americana* (L.) Vahl  
In water of Potomac. ditto  
near # 21547  
Common in cut Run, Broad Run  
etc.

21560 *Verbena officinalis* L.  
In thicket along Pot.  
near # 21547. ditto  
Common.  
fl. white

*Lysimachia nummularia* 7/5/53  
In damp soil in meadow along  
21561 Brood Run at ear junction  
with Potomac  
Recent.  
Common. fl. yellow.

21562 *Trifolium americana* L.  
Near # 21561  
Common. ditto

21563 *Brassicaceae*  
fl. yellow.  
with # 21561. prostrate  
infrequent  
*Rorippa sylvestris* (L.) Pers. ditto

21564 Grass  
with # 21561  
Common *Agrostis stolonifera* L. ditto

21565 *Celtis occidentalis* L.  
Near # 21561  
Common ditto

21566 *Potentilla norvegica* L.  
with # 21561  
Common  
Recent. ditto

21567 *Pentstemon sedoides* F.  
with # 21561  
Common. ditto

umbellifer Plant A  
fl. white  
Near # 21561  
21568 In meadow.  
Common.  
*Cicuta maculata* L. 7/5/53  
H.A.

21569 *Lactuca* plant B  
4-5 feet tall  
fl. yellow  
*Lactuca canadensis* L. var. *latifolia* Retz. ditto

21570 *Lactuca* plant C  
5-6 ft tall  
fl. yellow  
*Lactuca canadensis* L. ditto

21571 *Carex lupulina* Muhl.  
Large clumps  
2 1/2 - 3 ft.  
with # 21561  
infrequent ditto

21572 *Lactuca* plant A  
Stem very hairy. fl. yellow  
Plant A.  
with # 21569 ditto

21573 *Lippia lanceolata* Michx.  
with # 21561 ditto

21574 *Galium triflorum* Michx.  
along Brood Run near  
junction with Potomac  
Red shales and sandstones  
Common. ditto

*Boehmeria cylindrica* (L.) W. 7/5/53  
On bank Broad Run near  
junction with Potomac  
21575 Common.  
Recent.  
No stinging hairs.

21576 *Salix*  
with # 21575  
Common

21577 *Rubus*  
Plant A  
near # 21575, on edge of  
field. 3-4 ft tall, erect,  
arching. Common sp.  
Not lip rooting.

21578 *Hypericum spathulatum* (Walt) Steud.  
Near # 21575  
Common. (shrub)  
Recent.

21579 *Gerardia virginica* (L.) B.P.  
On roadside bank near  
Broad Run near route 7.  
Red shales and sandstones  
Common.

21580 *Viburnum prunifolium* L.  
Near # 21577.  
Common

21581 *Pyrenanthemum tenuifolium*  
On dry bank with # 21579  
Common.  
= *P. flexuosum* (Walt) B.P.

*Umbellifer*  
Tall 4-4 1/2 ft  
21582 On bank with # 21579  
Frequent.

*Angelica villosa* (Walt.) B.P.

21583 *Hypericum punctatum* Lam.  
On same bank with # 21579  
Common

21584 *Scutellaria integrifolia*  
with # 21579 = *S. elliptica* Mill.  
Frequent. var. *hirsuta* (Shott) Fern.

21585 *Ruellia carolinensis* (Walt) Steud.  
On bank with # 21579  
Frequent var. *membranacea*  
Fern

*Vaccinium*  
21586 *Rubus vaillans* Torr.  
In dry soil with # 21579  
Common.

21587 *Cucurbita pentagona* Engelm.  
On *Leptodegia*  
On roadside of near Broad Run  
and near # 7 highway  
Common

21588 *Ruellia*  
*vulgaris*  
Near Road to Girl  
Scout Camp east  
of Luckett's near  
Potomac River.  
Red shales and sandstone  
Common  
7/12/53

*Boehmeria cylindrica* (L.) Sw  
On flood plain of Potomac near  
Girl Scout Camp east of Lucketts  
7/12/53  
21589 Recent  
Common,  
Red shales

21590 Mint.  
Near Potomac, near # 21589. ditto  
Frequent. *Tenorium canadense* L.  
Recent. var. *virginicum* (L.) Cel.

21591 *Impatiens pallida* Nutt. ditto  
Near # 21589  
Common.  
Recent.

21592 water plant.  
In limestone Branch  
at route 15 N. of Leesburg. ditto  
*Lemna minor* L.  
See # 20755 -

21593 *Salix* ditto  
Near # 21592  
Common

21594 *Houstonia longifolia* Griseb. ditto  
Dry soil in opening in  
woods near 21595

21595 *Vincetoxicum* L. ditto  
In woods near  
Near Potomac near Girl Scout Camp  
east of Lucketts. Red shale and  
sandstone.

*Cornus amomum* Mill. 7/12/53  
Beside # 21593  
Common

21596  
21597 *Corallorhiza innata* L. ditto  
fl. white  
Near # 21593  
Common

21598 *Physalis subglobata* Michx. & Link ditto  
In damp meadow  
near route 15, near  
Limestone Branch and near  
Common # 21592

21599 *Congelomera* L. var. ditto  
Mint. *Tenorium canadense* L. var. *virginicum* (L.) Cel.  
In damp soil, near # 21592  
Frequent  
Congelomera L. Est.

21600 *Justicia americana* (L.) Vahl ditto  
with # 21592  
Common.

21601 *Fraxinus pennsylvanica* Michx. & Link ditto  
Near # 21593  
Common

21602 *Artium minus* (Hill) Benth. ditto  
Near # 21593  
Common

*Rudbeckia serotina* Nutt.  
Near route 15 north of  
Leesburg along Limestone Branch

21603 Common  
conglomerate 7/12/53

21604 *Fraxinus pennsylvanica*  
Marsh. ditto  
Near 21601  
Common  
Stems pubescent.

21605 *Campsis radicans* (L.) Thunb. ditto  
along road near Luckette  
on route of Girl Scout Camp  
Common.

21606 *Celtis occidentalis* L. ditto  
Large tree near 21601  
Common

21607 *Celtis occidentalis* L. ditto  
Near # 21601  
Frequent.

21608 *Carex frankii* Steud. ditto  
Near # 21593  
In damp soil  
Frequent

21609 *Asclepias incarnata* L. ditto  
with # 21593 var. *paleacea*  
Common. (Chh.) Pers.

*Saponaria officinalis* L. 7/12/53  
at bridge of route 15 over

21610 Limestone Branch.  
Conglomerate.  
Common

21611 *Heimerocallis fulva* ditto  
double flowers. = var. *kuwano* Regel  
Near # 21610.  
Double form infrequent  
Single " common.

21612 *Petroselinum hortense* Hoffm. ditto  
*Petroselinum crispum*  
2nd year plants going to seed  
from Allard's garden. 7/11/53

21613 *Mentha spicata* L. 7/11/53  
Allard's garden

21614 East of Goose Creek 1 mi. 7/26/53  
north of route 7 2 mi. (H.A.A.,  
at muddy pond hole in woods  
*Carex squarosa* L.

21615 *Celastrus scandens* L. ditto  
along fence row near # 21614  
Occasional.

21616 *Setaria glauca* (L.) Beauv. in grass?  
Near straw stack in field  
near # 21614. Common.  
= *Setaria lutescens* Weigel  
Det. S. M. Chase

*Anagallis arvensis* L. (7/26/53 H.A.G.)

21617 1 mile east of Goose Creek,  
2 mi. N. of route 7.  
at straw stack in field.  
Common. fl. coppery red,  
Diabase.

21618 *Acalypha gracilens*  
with # 21616. Gray ditto  
Common.

21619 *Xanthus brachiatus*  
with # 21616 - around  
old straw stack in field  
Common. ditto

= *Hedera pulegioides* (L.) Pers.  
21620 *Diodia teres* (typical)  
with # 21616 var. *luculentior* *Fern. sp.* ditto  
Common

21621 *Cyperus petiolata*  
with # 21616 (L.) *indica* ditto  
Common

21622 *Carex lupulina* Michx.  
at pool in woods - damp  
soil - near # 21614 ditto  
frequent.

also *Plantago aristata* Michx.  
21623 *Sphagnum americanum* Nutt. ditto  
In mud and water with  
21614. Common.

*Dalium tinctorium* L. (7/26/53 H.A.G.)

21624 # 21614  
Common.

21625 *Vaccinium atrococcum* (Gray) Heller ditto  
Tall 10-12 feet in bog  
with # 21614.

Occasional  
fruit blue black,  
21626 *Sphagnum* ditto  
In bog with # 21614

21627 *Scutellaria lateriflora* L. ditto  
In bog with # 21614  
infrequent.

(Note very glandular foliage,  
this not mentioned in bot. works)  
21628 Edge of field 1 mi. N. of  
route 7, 1 mi. east of  
Goose Creek. (Aug. 2, 53 H.A.G.)  
*Carya tomentosa* Nutt. ditto  
Common. Diabase.

21629 *Cassia fasciculata* Michx. ditto  
In old field near # 21628  
Common  
Diabase.

21630 *Euphorbia corollata* L.  
var. *paniculata* (L.) Boiss. ditto  
In old field near # 21628  
Common. Diabase.

1 mi. N. of route 7 7/26/53  
1 mi. east of Goose Creek H.A.A.  
In field  
21631 Common  
Diabase

*Hypericum perforatum* L.

21632 *Prunus mahaleb* ditto  
2 mi. N. of route 7  
1 mi. east of Goose Creek  
Frequent = *P. americana* L.  
Edge of field. Diabase

21633 *Fraxinus americana* L. ditto  
Near # 21628

Diabase  
Edge field and woods.

21634 *Euphorbia corollata* L. ditto  
In old field near  
21628

Common  
Diabase.

21635 *Lobelia inflata* L. ditto  
Near # 21628  
In old field

Common  
Diabase

21636 *Altis occidentalis* L. ditto  
Fruit orange brown  
Near # 21632

Common.  
Small tree. Diabase

21637 *Prunus americana* ditto  
Near # 21632  
Frequent  
Diabase  
Small trees.

Grass at pool in woods 8/2/53  
2 mi. N. of route 7 - 1 mi. H.A.A.  
east of Goose Creek.

21638 Occasional,  
In damp soil  
Diabase *Cinna arundinacea* L.

21639 *Lactuca plant A.*  
*L. blanda* = *floridana* (Wright) ditto  
In thicket near Broad Run  
and along route 7. var. *villosa*  
Common 5-6 ft tall (Aug) Aug.

21640 *Lactuca floridana* (Plant A) ditto  
Near Broad Run and  
near route 7. Diabase.  
Common  
5-6 ft. tall. bl. blue.

21641 *Hypericum punctatum* Lam. ditto  
In old field near 21628  
Common  
Diabase.

21642 *Parthenium integrifolium* 8/9/53  
In open <sup>dry</sup> woods 1/4 mile N. of (Diabase)  
route 7, and 1 mi. east of Goose Creek.  
Rare in area east of Alleghenies and  
Blue Ridge, Not in Bull Run area.

21643 *Euphorbia corollata* L. ditto  
var. *paniculata* (Ell.) Boies,  
In old field 2 mi. north of  
route 7, 1 mi. east of Goose Creek. (West) Wild.

21644 *Liatris graminifolia* L. 8/16/53  
Near route 7 on country  
side road - in thin woods  
by roadside. Occasional.  
Diabase. 1 mi. east of Goose Creek.

*Asclepias verticillata* L. 8/16/53  
along route 7, 1 mi. east of H.A. 9  
21645 Goose Creek. Frequent  
Diabase. fl. greenish-white

21646 *Euphorbia corollata* L.  
var. *paniculata* (L.) Sims. ditto  
Field 2 mi. N. of route 7 and  
1 mi. east of Goose Creek  
Frequent. Diabase

21647 *Euphorbia petiolata* (L.) ditto  
In same field with # 21646

21648 Dodder on *Louraguel*  
*ambrosia artemisiifolia* ditto  
with # 21646. Common  
Diabase *Cuscuta pentagona* Engelm.

21649 *Lespedeza striata* (L.) ditto  
with # 21646. A dense  
covering - not in fl. Annual.  
Diabase. Very common in  
fields.

21650 *Eupatorium coelestinum* L. ditto  
with # 21644  
Common  
Diabase

21651 Grass *Paspalum laeve* ditto  
with # 21645 along route 7. Common  
Diabase

*Eragrostis capillaris* 8/16/53  
with # 21645  
21652 Common.  
Diabase

*E. spectabilis* (Pursh) Steud.

21653 *Celastrus scandens* L. ditto  
In edge thicket 2 mi. N.  
of route 7, 1 mi. east of  
Goose Creek. Frequent  
Very high climbing. Diabase

21654 *Pyrus communis* L. ditto  
with # 21653 - same  
thicket - Common.  
Diabase.

21655 *Quercus stellata* Wang. ditto  
Near # 21653.  
Common  
Diabase.  
Edge woods.

21656 *Quercus stellata* Wang. ditto  
Near # 21653  
Common  
Diabase. s.wab.

21657 *Oenothera fruticosa* L. var. *linearis* (Muhl.) ditto  
1 mi. N. route 7, at edge of  
field 1 mi. east of Goose Creek  
Frequent  
Diabase. A late plant.

21658 *Polygonum punctatum* Ed. ditto  
fl. white  
1 1/4 mi. N. route 7, and 1 mi. east of  
Goose Creek.  
Common. Diabase

*Agrimonia parviflora* Ait. 8/16/53  
H.A.A.  
fl. yellow.

21659 In old field  $\frac{1}{4}$  mi. N. of route 7  
and 1 mi. east of Goose Creek  
along country road in woods.  
Common  
Diabase

21660 *Quercus imbricaria* Michx. ditto  
Near # 21653  
Common in Triassic  
area. Diabase.

21661 *Quercus velutina* Lam. ditto  
Near # 21653  
Common  
Diabase.

21662 *Symphoricarpos orbiculatus* Michx. ditto  
Edge thicket near # 21653  
Very common  
Diabase.

21663 *Solidago juncea* Ait. ditto  
Edge thicket near 21653  
Common  
Diabase  
Now showing in full fl.

21664 On cleared path for oil line  
west of highway  $\frac{1}{2}$  mi. below  
Seneca Rocks. (Aug. 23, 53)  
*Paronychia fastigiata* (H.A.A.)  
Common, forming dense mats. (West Va.)  
H.A.A.

21665 On same shales with # 21664  
*Panicum philadelphicum* Benth. ditto

*Eupatorium obtusifolium* L. 8/23/53  
H.A.A.

2 mi. N. of slope from  
21666 Petersburg highway, on  
dry shales in open on  
oil pipe line. Common.

21667 *Desmodium rigidum*  
 $1\frac{3}{4}$  mi. N. of same oil line  
Common near # 21666

= *D. ciliare* (Michx.)  
21668 *Lespedeza repens*  
On same shaley oil line  
2 mi. from Petersburg highway.  
Common = *L. procumbens* Michx.

21669 *Aster pilosus* Willd. ditto  
On same pipe line  $\frac{3}{4}$  mi.  
N. of from highway, on dry shales.  
Common.

21670 *Pycnanthemum incanum* (L.)  
1 mi. N. of pipe line on  
dry shales, - on 45° angle  
at least. Frequent. ditto

21671 *Salix*  
along ditch above Harman,  
W. Va. Common ditto

21672 *Polygala curtisii* Gray  
along roadside bank above  
Harman. Common ditto

*Antennaria dioica* 8/23/53

var. *argillicola* Stebbins H.A.A.

21673 On same pipe line as 21664  
1 mi. N. from Petersburg highway  
Common. Gray 8 has A. *virginica* Stebbins

On barren shales, steep  
slope at least 45° angle, *argillicola* Stebbins

21674 *Spiranthes gracilis* (Pursh) Reiche ditto  
On bank above Harman  
along roadside. Frequent.

21675 *Lupinus* sp. cream with  
Tall, erect. purple spot  
on same barren shales  
near # 21673. Common.

21676 *Helopsis helianthoides*  
along roadside above  
Harman.  
Very common, showy  
everywhere.

21677 *Salix discolor*  
on Blackwater River  
at route 32. Common

21678 *Solidago juncea* = *S. rigida* Nutt. ditto  
*S. serotina*  
along Dry Fork below Dry Fork  
incorporated. Common  
along Blackwater River  
near # 21677

21679 *Solidago graminifolia*  
with # 21677. L. ditto  
Exceedingly common everywhere  
in Davis region

water plant submerged 8/24/53  
in Blackwater River where  
crossed by highway 32 to Davis. H.A.A.  
21680 No fruit seen.

21681 *Galium parisiense*  
Near # 21677 ditto  
Very common. *G. asprellum* f. ditto  
Smoothing over herbage.

21682 *Helianthus autumnalis* L. ditto  
very common - with # 21677  
showy.

21683 *Verbena hastata* L. ditto  
with # 21677. bl. blue.  
Very common

21684 *Aster prenanthoides* Mill. ditto  
along Dry Fork below  
Dry Fork incorporated, Randolph  
a large meadow here with  
several haystacks, and where we  
practiced golf.

21685 *Aporosa cannabinum* L. ditto  
on top Canaan Mt.  
Common.

21686 *Aster umbellatus* Mill. ditto  
var. *puberulus*  
with # 21685. (not the variety)  
Very common here

*Eupatorium maculatum* L. 8/24/53

Top of Canada Mt (3702 ft.)

21687 Very common, very showy  
with huge pinkish-lavender  
flowers. One of most showy  
plants now.

21688 *Lactuca biennis* (Moench.) Fernald  
with # 21684 plant A  
8-10 ft. tall  
fl. yellowish.  
Frequent

21689 *Solidago juncea*?  
with # 21684 bootie  
Common.

21690 *Elymus riparius* Wiegand  
grass.  
with # 21684  
Common

21691 *Actinomeris alternifolia* (W.)  
with # 21684  
Common - very showy.

21692 *Helianthus giganteus* L.  
with # 21684 plant A  
Common.

21693 *Scrophularia marilandica* L.  
with # 21684  
Frequent.  
Corolla purplish brown.

Fine, delicate grass  
on ledge beside road near  
Dry Fork, below Dry Fork

21694 On dry shelf of rock.  
*Agrostis perennans* (Walt.)  
Tuckerm.

21695 *Polygonum scandens* L.  
Near # 21684, sprawling  
over high herbage. Common.

21696 *Collinsonia canadensis* L.  
Near # 21684, along  
Dry Fork. Frequent,  
Lemon-scented

21697 *Smilax tamnoides* L. var. *hispida*  
var. *hispida* (one seed) (multi-seed)  
with # 21684 br. black.  
Lower portion stems with black  
prickles, some strong and sharp

21698 *Rhizomes* long, thickly.  
*Sparganium americanum* Nutt.  
In mud along Dry Fork  
near # 21684 Common

21699 *Mentha spicata* L.  
Near # 21698  
fl. bluish.

21700 *Solidago juncea*  
Near # 21684  
Common

= *Solidago gigantea* Ait.  
var. *leiophylla* Fernald

Desmodium

below Dry Fork <sup>along Dry Fork</sup> ~~unimproved~~ <sup>port</sup>

216 21701 Frequent.  
Near 21684  
~~at~~

8/24/53

21 21702 Mint  
Near 21684  
Occasional.

ditto

21703 *Phlox maculata* <sup>*Tenoreum canadense* L. var. *virginicum* (L.) East.</sup>

Near 21684

ditto

Frequent. *P. paniculata* L.  
Shrubby

21 21704 *Stellaria graminea* L.  
In wet swale  
near 21694  
Infrequent.  
Very delicate

ditto

2 21705 *Helianthus autumnalis* L.  
Near 21684

ditto

Common; very showy

21706 *Sagittaria latifolia* Willd. var. *obtusata*  
In wet soil near 21704  
Occasional.

ditto

21707 *Scutellaria lateriflora* L.  
In damp soil of swale  
near 21704  
Occasional.

ditto

June 15, 1952. Walk down  
Limestone branch from route  
15 (to Point of Rocks highway, 3 miles, 9  
returning over rocky ledges and  
pastures, all in limestone  
conglomerate outcrops - trip  
5-6 miles.

June 22, 1952. Followed  
down Cub Run from bridge  
of route 211, 3-4 miles both  
sides. A very picturesque  
stream, rising in diabase  
area south of Arcola - or at  
least flowing through diabase  
or trap rock soil from the  
bridge on 211 almost to Bull  
Run Creek into which it flows.  
I have never seen a more  
bouldered-littered stream, in  
the Triassic area from a point  
just below 211 - all diabase,  
with diabase boulders and ledgy  
outcrops back from the flood-  
plain area on both banks.

July 3, 1952. We left Ash. Va. at 10 am.  
fast time for Davis, W. Va., arriving  
there at about 6 pm. E.S.T. Go by way of  
Harrisonburg, Franklin, Riverton, Seneca

up route through Harman, to Davis.  
collected some plants at lookout at  
Germany Valley. Most collecting done  
July 4, on course of Texas gas pipe line  
1 mile below Seneca Rocks. This  
extending up ridges and over North  
mountain crest about 4-4 1/2 miles.  
Forded south branch to get over other  
side.

7/27/52 - To Young's Branch on route 211,  
following stream up from 211 1/2 - 2 mi.  
all on red Manassas shales and sandstone.  
In afternoon to railroad station at  
Haymarket, collecting on brook which  
is a branch of the Broad Run some  
distance down. Entire days walk  
covered about 4 miles in all. This  
territory also on Manassas red shales  
and sandstones.

Aug. 3, 1952. To route 15 on highway from  
Leesburg to Point of Rocks. Turned right  
to Conrad ferry crossing Potomac to  
Poolville, Md. Collected along shore  
va. side up river 1 1/2 miles and back  
in woods. All Border Conglomerate.  
walked only a total of 2-2 1/2 mi.  
collected at big limestone spring near  
Leesburg, where stocked with rainbow trout.  
Larvae minor very abundant in this  
cold spring.

August 19, 1952. To Buzzard Mt. ①  
climbing both peaks - and collecting  
from the So. R.R. to the quarry pool  
and in the deep sag between the  
two peaks.  
5 mi. rock  
is along  
peak  
Swiss  
trail  
pass  
out. So  
went  
ri

Aug. 21  
down  
bridge  
collected  
near  
at the  
higher  
to big  
Rock  
above  
dang  
Beth  
more  
the tie

Journal  
Aug. 19, 1952 to  
Aug. 10, 1953

August 19, 1952. To Buzzard Mt. ①  
climbing both peaks - and collecting  
from the So. R.R. to the quarry pool  
and in the deep sag between the  
two peaks, and on the slopes and  
apex of both peaks. Walked nearly  
8 miles. All the underlying  
rock formation and outcrop  
is diabase. All the common spring  
plants occur on these two  
peaks - i.e., Hepatica, Bellworts,  
Smilacina, Polygonatum (no  
trailing arbutus, as soil - derived by  
basal, and few heaths - no  
mt. Laurel, Cyanus, Vaccinium.  
Went with Mr. Coulter and his son  
ri

Aug. 26, 1952. To Goose Creek, walking  
down stream left bank from the  
bridge, about 2 miles and return,  
collecting much material on  
recent broad plain soil, and diabase  
at the quarry near the bridge at #7  
highway. Then drove to Leesburg  
to big spring on route #15 to Point of  
Rocks collecting here. Walked  
about 5 miles. Went with my  
daughter Doris and granddaughters  
Beth Rose and Linda Lee Chilton.  
Many plants collected. All around  
the big spring on conglomerate (over)

Sept. 7, 1952. To Goose Creek, (2)  
collecting in the dry pine and  
deciduous woods  $\frac{1}{2}$  1-mile west  
of Goose Creek, and on the  
quarry at the creek, left bank  
going down. all diabase  
formation. Day very cloudy,  
thunder and rain in the morning.  
walked 3-4 miles going and  
coming.

Sept. 14, 1952. To Point of Rocks on  
Potomac. Collected a few plants on  
conglomerate at big spring on route  
15. Then some plants on Va side  
just below ~~Point~~ Point of Rocks, along  
stream and in corn field - reposit  
along stream, and undifferentiated  
Cambrian along route 15 - here.  
Then drive to Limestone Branch  
collected along stream, and in  
pastures here, all limestone  
conglomerate on this portion  
of walk. Temperature extremely  
hot - one of hottest - or near - on  
record. Walked 6-7 miles by  
pedometer.

(over)

Sept. 21, 1952. To Belmont Station, taking (3)  
route 659 from route 7. Parked at the  
railroad here, walking up the railroad  
past the trap rock quarry, and on to  
Goose Creek, crossing the R.R. bridge  
to the west side. We crossed the  
pastures and followed up stream on  
the right bank up about  $\frac{1}{2}$  mile.  
Collected along the R.R., along  
Goose Creek here, and all around  
Trap rocks and quarry, where  
enormous piles of fudge detritus  
had been discarded from rock-  
crushing and screening. Here  
many plants, weeds and other  
plants were established on the  
loose material - more especially  
*Chenopodium album*, and the

### Oenothera

walked by pedometer about 5 miles -

September 28, 1952. To Broad Run  
at Buckland, following left bank  
down stream from bridge about  
2 miles - all on diabase outcrops.  
Then return walking west from  
route 211 above the bridge, all  
over ledge outcrops of red Mayassar  
shales. Total walk by pedometer =  
4 miles. No *Quercus imbricaria* seen.  
Species of yellow water lily at (over)  
bridge, but long past blover.

(4)

October 5, 1952. To Little River  
on route 15 to Oatlands and  
Leesburg, just off route 50 to  
Aldie. I walked about 2 miles  
up stream from the bridge of  
route 15, and a short way  
down stream below the bridge,  
where outcrops of diabase appear.  
Up stream collecting was done  
mainly on the alluvial flood plain  
soils (recent). The underlying  
rocks on adjacent hills appeared  
to red shales and sandstone  
(Manassas). No shingle oaks on  
this stream as near as seen anywhere.  
Walked about 4 miles by pedometer.

October 19, 1952 - To Goose Creek,  
walking down stream from route 15  
about 2 miles and return, down  
stream to a low rapids beyond a  
corn field on an alluvial plain,  
with low bluffs on the opposite shore.  
Near route 15 Goose Creek, the right  
bank is extremely steep and rocky,  
passing into a low, sandy, alluvial  
plain. Near the stream were shingle  
oaks, and dense thickets of  
hairy pawpaw, with some large ripe  
pawpaws on the ground.

(over)

November 2, 1952. To Limestone Branch from route 15 north of Leesburg. walking downstream finally after 3-3½ miles to the Potomac River. Here we encountered steep limestone conglomerate cliffs, with Aster oblongifolius in showy masses. Returned across the pastures on high ground with many conglomerate cliffs and boulder outcrops which I photographed. walked about 7-8 miles by pedometer.

Nov. 16, 1952. To Ball's Bluff, walking south from cemetery about 2-2½ miles - or to end of Harrison St. on Potomac shore, where red s.s. and shales come to edge of Potomac, preventing further course south.

Nov. 9, 1952. To Ball's Bluff and back. walked 7-8 miles in all. walk north about 3½ miles on alluvial floodplain along Potomac, return through woods above bluff in all about 8 miles by pedometer.

March 29, 1953.

To Buzzard Mountain, Culpeper Co., Va. Walked to first peak, and continued down deep valley up the second peak or twin. Walked 7-8 miles going and going collecting plants en route, all diabase formations.

April 19, 1953. Walk through heavy deciduous woods and pastures just east of Goose Creek (right bank down for ~~2~~<sup>about 7</sup> miles. All diabase formations, except near Potomac River where Red sandstones met with.

~~April 19, 1953.~~

Day cool and windy but sunny.

April 22, 1953. Down Goose Creek left bank down for about 2 miles, with Sally Allen and Olive Schudge. Day warm, sunny, very beautiful. Botanized on alluvial flood plain and also on ridges, diabase, and red sandstones to west. Walked in all about 4 miles.

May 3, 1953. To Ball's Bluff Cemetery and south along Potomac River south for  $2\frac{1}{2}$  miles - Loudoun Co., along alluvial flood plain, and up the cliffs (conglomerate) back to car. Walked 5 miles by pedometer.

May 10, 1953. To Balk Bluff north of Leesburg.  
Loudoun Co.

May 17, 1953. To Limestone Branch  
and across pastures 1 mile, down  
all limestone conglomerate outcrops.  
walked about 4 miles by pedometer.

May 24, 1953. To diabase hill 1 mile  
east of Goose Creek, walking north  
from route 7 for  $2\frac{1}{2}$  miles through  
woods and fields. Visited large  
muddy pool in heavy oak woods  
 $2\frac{1}{2}$  miles from route 7 (North), walked  
6 miles by pedometer.


June 6, 1953. To Rapidan River  
and Clark Mountain, and  
just east of So. R.R. near foot of  
first peak of Buzzard Mt.,  
with E.C. Leonard. I walked  
4 miles by pedometer.

All localities in Culpeper Co.  
June 14, 1953. To Limestone Branch  
north of Leesburg, Va. walked from  
this route 7 across pastures 1 mi  
and near Limestone Branch  
over Conglomerate soil outcrops.

(8)

June 28, 1953. To Cub Run  
at junction with route 50,  
collecting north along this  
stream, along the flood plain,  
and in old fields and thickets  
on the left bank going up.  
walked about 1 mile about  
up stream, and a short distance  
below the bridge of route 50.

*Nuphar advena* was very  
abundant in mud and water  
from route 50 to a mile or  
more upstream, and in full  
flower. This trip was in Fairfax Co.  
*Pontederia cordata* was growing  
at the bridge of route 50. Entire  
walk up and return covered  
3 miles. Rocks red shales and sandstone  
Fauquier Co.

July 5, 1953. To Broad Run of  
route 7, driving along Broad  
Run as far as the Potomac.  
Collected along the Potomac,  
and at a point along Broad  
Run near its emptying into  
the Potomac. Outcrops red shales  
and sandstone nearly vertical  
over. (over) 

collecting very poor on this trip, ⑨  
as much of the area is being  
given over to devastated woodland,  
barren weedy fields and a  
building development.

July 12, 1953. To Girl Scout Camp (10)  
at end of road, turning east  
at Lucketts, about 3 miles and  
near the Potomac. Walked  
from this camp by a trail to  
the Potomac. An area very  
poor from a botanical point of  
view, and few plants of interest  
were met with. Walked about  
3 miles here a short distance  
up the Potomac, then returned  
to Limestone Branch below  
Lucketts. Collected near and  
above the bridge of route 15,  
on conglomerate outcrop.  
walked about  $3\frac{1}{2}$  miles by  
pedometer - all in Loudoun Co.

July 26, 1953 - To knob east of  
Goose Creek about 1 mile and  
about 2 miles north of route 7 to  
Leesburg. All on diabase outcrops.  
Visited muddy pool in woods near  
field with big straw stacks, and about  
opposite this. Found a large, fine  
doe dead in the woods. Walked  
about  $4-4\frac{1}{2}$  miles in all by  
pedometer. All in Loudoun Co.

August 2, 1953. To same area and pools, fields and woods visited ~~August~~ <sup>July</sup> 26, 1953, all diabase territory - a few field plants, trees and shrubs collected. Very dry. Walked about 5-6 miles. Day extremely hot and sultry, partly cloudy with intense sun in afternoon. Maximum predicted  $90^{\circ}\text{F}$ . (11)

August 9, 1953. To the same fields and woods visited August 2, collecting one new plant (Parthenium integrifolium) near route 7. Heavy showers drove us to the car near 5 p.m., with a deluge of rain, a most wondrous rainbow following over the eastern hills, with supernumerary inner and outer bows.

August 16, 1953. To the same area covered on August 2, Aug. 9 and July 26. A clear, not too warm day, but thunderstorms indicated in the west at nightfall.

